ANNUAL PLANNING INFORMATION REPORT FISCAL YEAR 1983 WESTERN MASSACHUSETTS

LABOR AREA RESEARCH PUBLICATION

Massachusetts Division of Employment Security

job market resea

THE COMMONWEALTH OF MASSACHUSETTS
DIVISION OF EMPLOYMENT SECURITY
Charles F. Hurley Building
Government Center, Boston, MA. 02114

ANNUAL PLANNING INFORMATION REPORT

FISCAL YEAR 1983

WESTERN MASSACHUSETTS

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Annual Planning Information Report
Western Massachusetts
Fiscal Year 1983

EXECUTIVE SUMMARY

Total nonagricultural employment in the two major labor market areas in the Western Region of Massachusetts grew steadily since 1970 except during the 1975 and current recessions.

- Both the Springfield-Chicopee-Holyoke LMA and the Pittsfield LMA experienced increases in nonmanufacturing employment, principally in the Finance, Insurance, and Real Estate and Services industry divisions.

In 1981 the unemployment rate for both the state and western region of the state was 6.4 percent. At a time in which the nation had a 7.6 percent unemployment rate, the Springfield area had 6.3 percent, and the Pittsfield area 6.9 percent.

- The projected unemployment rates for Fiscal Year 1983 are 6.7 percent in the Springfield-Chicopee-Holyoke LMA and 7.5 percent in the Pittsfield LMA.

In both major labor market areas of the western region there were an average of 11 or more applicants for every unfilled job opening registered at Job Matching Service Centers in March 1982 compared to a statewide average of 10 to 1.

- In the Springfield area there were over 30 machine trade, structural work and benchwork applicants for each opening.

- In Pittsfield, processing, machine trades and structural work occupations each had over 60 applicants for each opening.

The occupational profile of job seekers at Job Matching Service Centers in Western Massachusetts differed from the statewide job seeker profile in March 1982.

- In local offices of Northampton, North Adams, Pittsfield, and Springfield, more than half the job seekers were white collar workers as was true for Massachusetts. Greenfield, Ware, and Holyoke had less than 49 percent white collar job seekers.

- In all Western Massachusetts JMS offices, the percent share of service job seekers was less than the 17.9 percent statewide share. With the exception of Ware, the Western Massachusetts JMS centers had a greater percentage of machine trade job seekers than the statewide seven percent share.

II. Description of Western Region

A. Definition of the Area

The Western Region of Massachusetts, for the purpose of this report, includes Hampden, Hampshire, Franklin and Berkshire Counties. The region includes the following Labor Market Areas: Springfield-Chicopee-Holyoke LMA; Pittsfield LMA; Greenfield LMA; Great Barrington LMA; and parts of the Athol LMA and the Ware LMA. It also includes nine towns that are not part of a specified Labor Market Area: Blanford, Chester, Tolland in Hampden County and Cummington, Goshen, Huntington, Middlefield, Plainville and Worthington in Hampshire County. The region is bounded by the state of Vermont and New Hampshire to the north, the state of New York to the west, the state of Connecticut to the south and Worcester County to the east.

Municipalities Listed Alphabetically by County
Western Massachusetts

Berkshire County	Franklin County	Hampden County	Hampshire County
Adams	Ashfield	Agawam	Amherst
Alford	Bernardston	Blandford	Belchertown
Becket	Buckland	Brimfield	Chesterfield
Cheshire	Charlemont	Chester	Cummington
Clarksburg	Colrain	Chicopee	Easthampton
Dalton	Conway	East Longmeadow	Goshen
Egremont	Deerfield	Granville	Granby
Florida	Erving	Hampden	Hadley
Great Barrington	Gill	Holland	Hatfield
Hancock	Greenfield	Holyoke	Huntington
Hinsdale	Hawley	Longmeadow	Middlefield
Lanesborough	Heath	Ludlow	Northampton
Lee	Leverett	Monson	Pelham
Lenox	Leyden	Montgomery	Plainfield
Monterey	Monroe	Palmer	Southampton
Mount Washington	Montague	Russell	South Hadley
New Ashford	New Salem	Southwick	Ware
New Marlborough	Northfield	Springfield	Westhampton
North Adams	Orange	Tolland	Williamsburg
Otis	Rowe	Wales	Worthington
Peru	Shelburne	West Springfield	
Pittsfield	Shutesbury	Westfield	
Richmond	Sunderland	Wilbraham	
Sandisfield	Warwick		
Savoy	Wendell		
Sheffield	Whately		
Stockbridge			
Tyringham			
Washington			

B. Description of Labor Market Areas in the Western Region

1. Springfield-Chicopee-Holyoke Labor Area:

Definition of Area: The Labor Market Area is comprised of five cities and twenty-eight towns. The five cities are Springfield, Chicopee,Holyoke, Westfield all located in Hampden County, and Northampton in Hampshire County. The twenty-eight towns are Agawam, Brimfield, East Longmeadow, Granville, Hampden, Longmeadow, Ludlow, Monson, Montgomery, Palmer, Russell, Southwick, Wales, West Springfield, and Wilbraham in Hampden County; Amherst, Belchertown, Chesterfield, Easthampton, Granby, Hadley, Hatfield, Pelham, Southampton, South Hadley, Westhampton, and Williamsburg in Hampshire County; Warren in Worcester County.

Boundaries: Northwest: Chesterfield, Westhampton in Hampshire County. Southwest: Southampton, Montgomery, Russell, and Granville in Hampden County. Northeast: Pelham, Belchertown in Hampshire County. Southeast: Warren in Worcester County; Palmer, Brimfield and Wales in Hampden County. North: Amherst, Hadley, Hatfield, and Williamsburg in Hampshire County. South: Southwick, Agawam, Longmeadow, East Longmeadow, Hampden and Monson in Hampden County (all along the Connecticut Border).

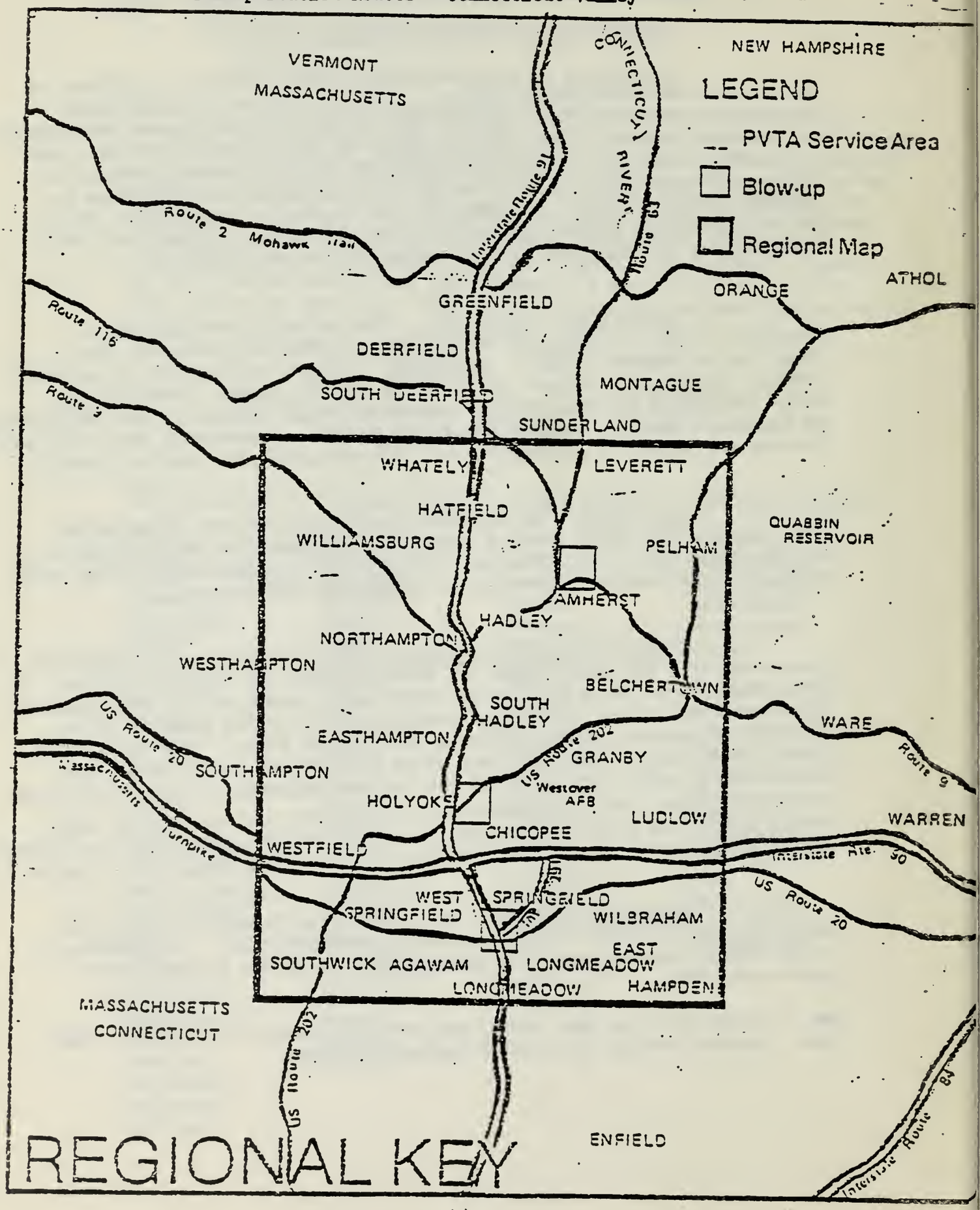
Land Area: The Springfield-Chicopee-Holyoke Labor Market Area based on the newly defined geographical boundaries has a total of 870.14 square miles of land area. The city of Westfield with a land area of 46.85 square miles is the largest among the five cities.

Other Geographical Features: The area has several mountain ranges of which the most famous are Mount Tom and the Berkshire Hills. The Labor Market Area has a very large river basin, known as the Lower Pioneer Valley enclosed on both sides by scenic mountains which constitutes an extremely important natural resource area of the state. The Connecticut River, the largest in New England, flows through the heart of the area from north to south, while two of the largest tributaries,the Chicopee and Westfield Rivers flow through eastern and western sections of the Labor Market Area. The city of Springfield has two surface reservoirs and Holyoke has an above ground reservoir. Chicopee is tied into the Quabbin Reservoir.

Commuting Patterns: Map I shows the highways linking the cities and towns in the Springfield-Chicopee-Holyoke LMA. Interstate 90 is the limited access east-west highway and Interstate 91 the north-south expressway.

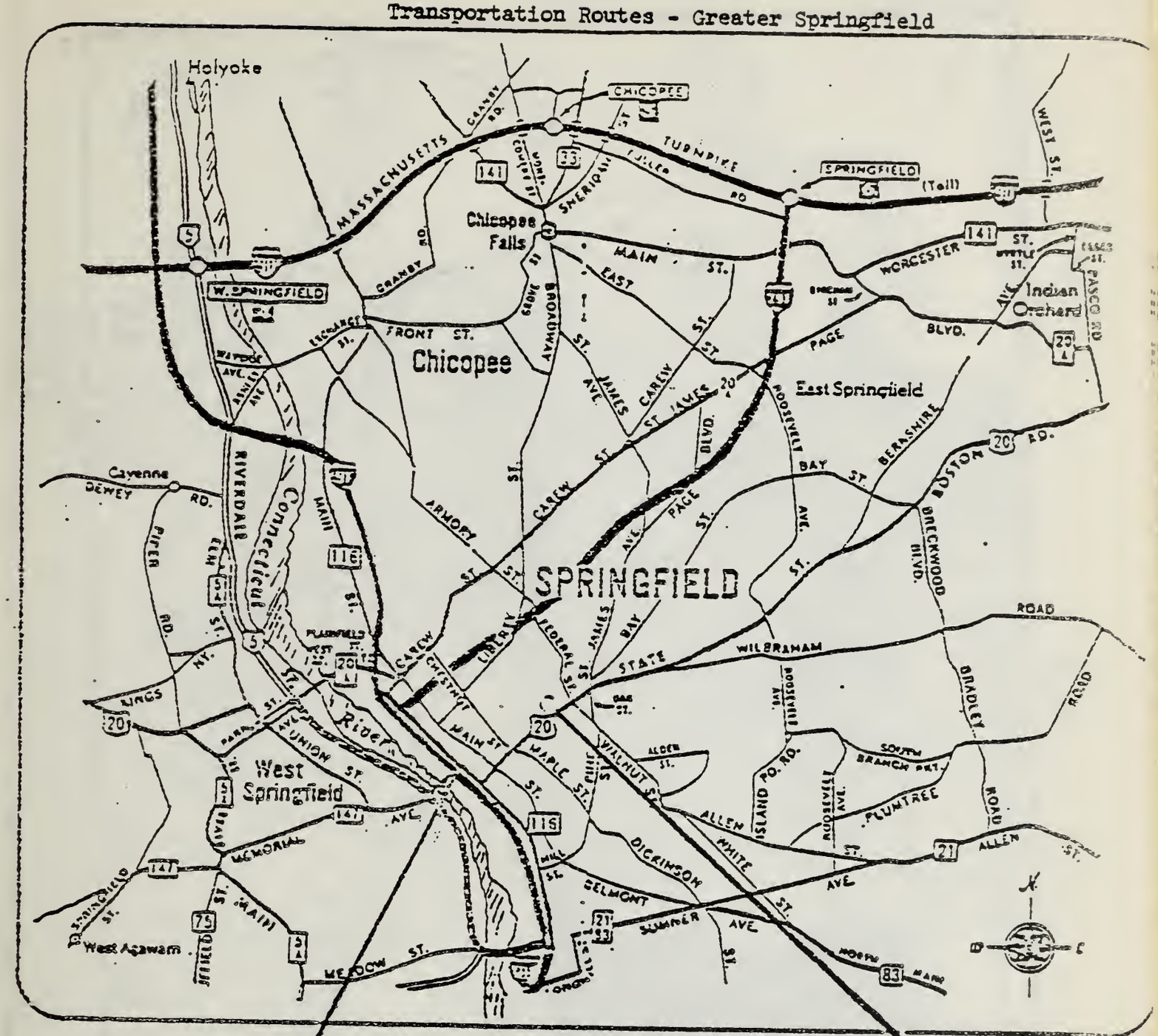
Map II shows roads in more detail and how these roads tie into the highways running through the greater Springfield area.

Map I
Transportation Routes - Connecticut Valley



Map II

Transportation Routes - Greater Springfield



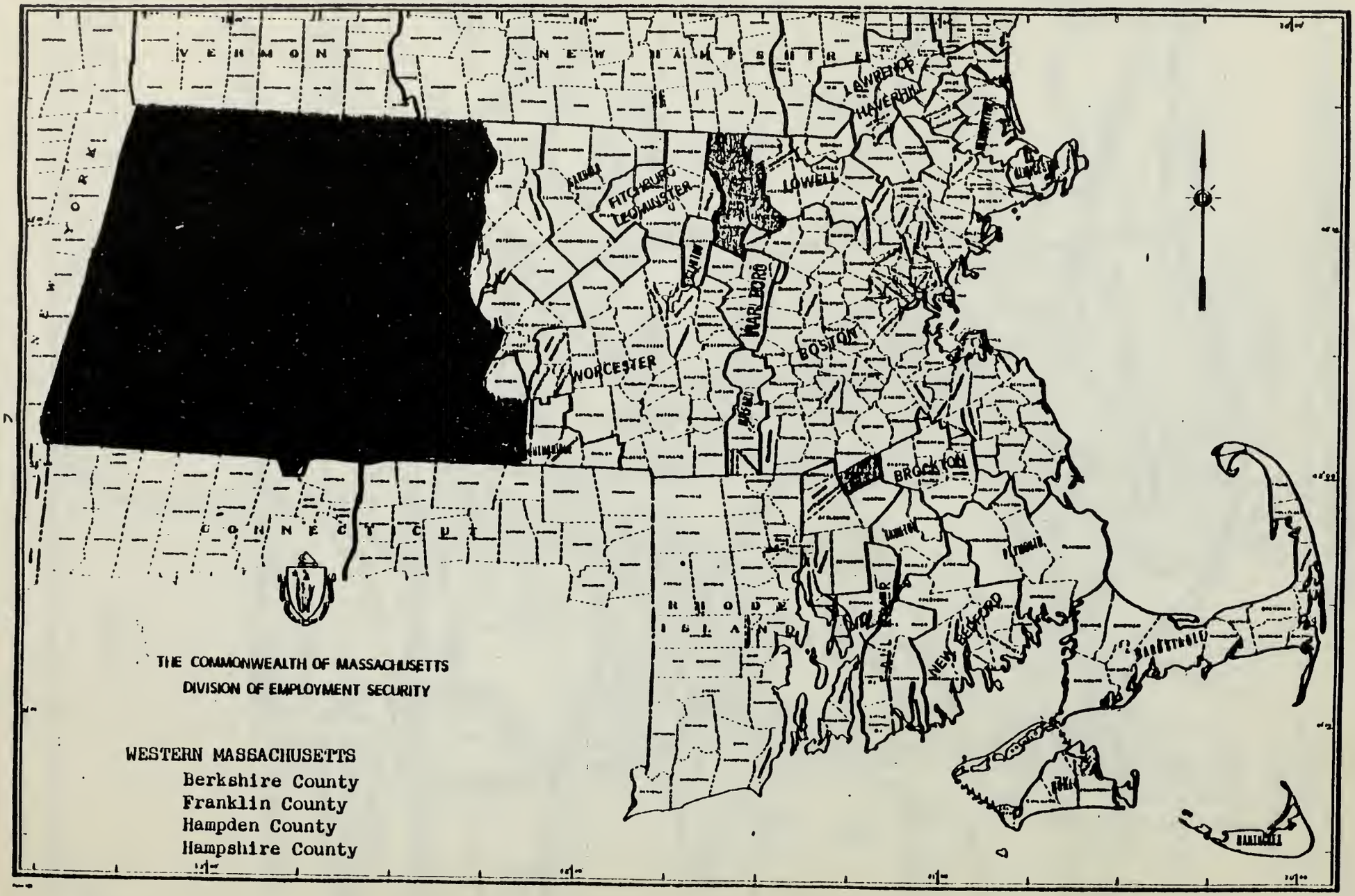
GREATER SPRINGFIELD CHAMBER OF COMMERCE

(413) 734-5671

Convention & Visitors Bureau
284 State Street, Springfield, Mass. 01105
(413) 734-1959

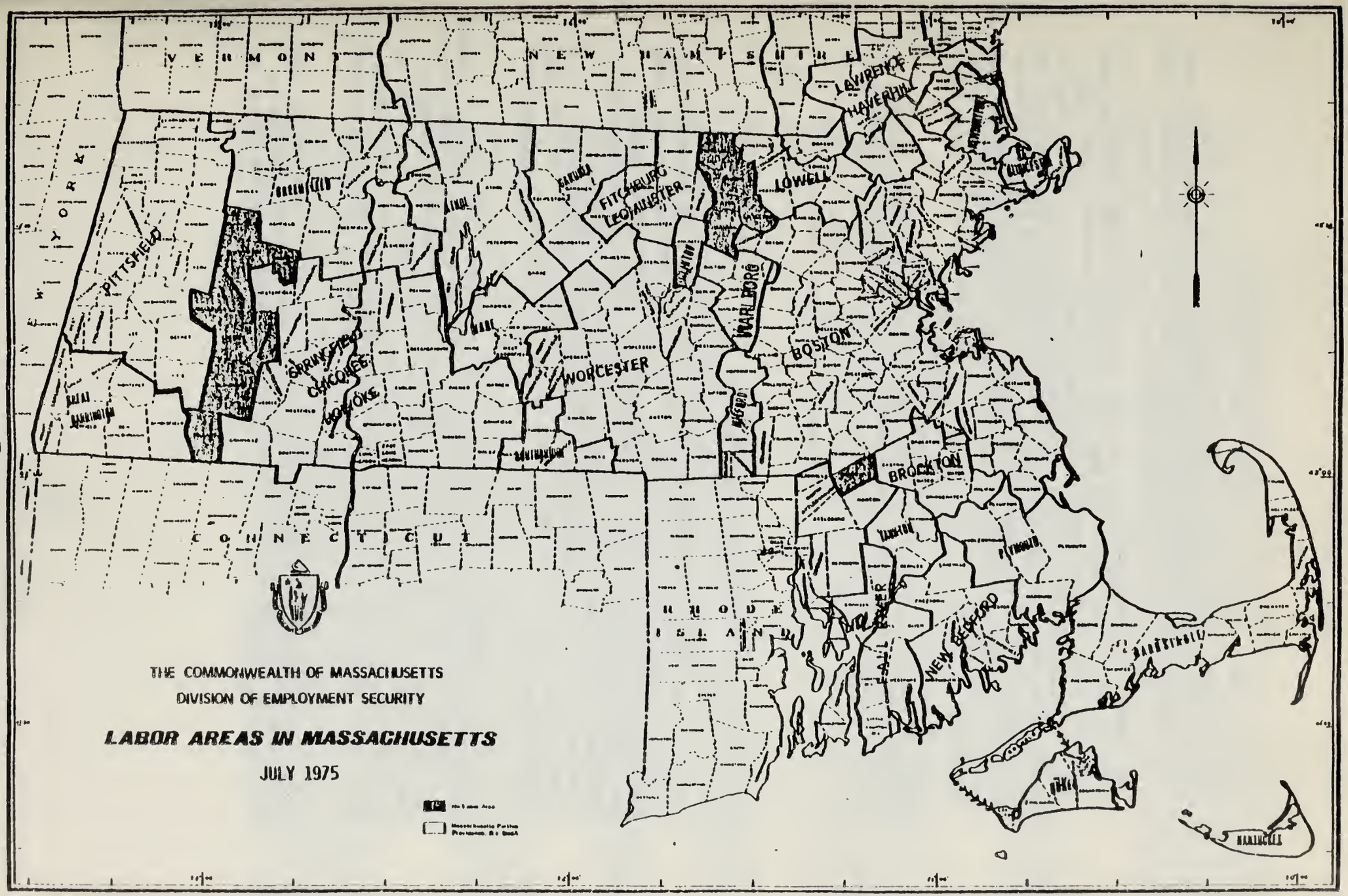
BAYSTATE WEST PLAZA 1500 MAIN STREET – SUITE 600 SPRINGFIELD, MASSACHUSETTS 01

Map III



WESTERN MASSACHUSETTS
- Berkshire County
- Franklin County
- Hampden County
- Hampshire County

Map IV


VERMONT
NEW HAMPSHIRE
NEW YORK
CONNECTICUT
RHODE ISLAND
LAWRENCE
HAVERHILL
LOWELL
FITCHBURG
LEOMINSTER
MARLBORO
BOSTON
WORCESTER
SPRINGFIELD
CHICOPEE
HOLYOKE
PITTSFIELD
BROCKTON
FALL RIVER
NEW BEDFORD
THE COMMONWEALTH OF MASSACHUSETTS
DIVISION OF EMPLOYMENT SECURITY
LABOR AREAS IN MASSACHUSETTS
JULY 1975

The southbound lane of Interstate 391 opened on November 10, 1982, completing a highway which puts Springfield, Holyoke and Chicopee downtowns only minutes away from each other by car.

The summary characteristics of the 1980 Decennial Census indicates that 19.4 percent of the workers in the Springfield-Chicopee-Holyoke SMSA (includes part of Connecticut) carpooled to work. Bus service is provided by Blue Line Bus, Bonanza, Greyhound, Peter Pan Bus, Trailways and Vermont transit. The Pioneer Valley Transit Authority (PVTA) serves a large area of Western Massachusetts including Springfield, West Springfield, Chicopee, Holyoke, Northampton, Amherst, Agawam, Belchertown, East Longmeadow, Easthampton, Hampden, Leverett, Longmeadow, Ludlow, South Hadley, Sunderland, Westfield, Wilbraham, and Williamsburg.

Rail service is provided by AMTRAK. Nearby is Bradley International Airport located in Windsor Locks, Connecticut. Peter Pan Bus goes from Bradley Airport to Springfield.

2. Pittsfield Labor Market Area

Definition of Area: The Pittsfield Labor Market Area (LMA) comprises two cities and twenty-two towns, all in Berkshire County. The cities are Pittsfield and North Adams; the towns are Adams, Becket, Cheshire, Clarksburg, Dalton, Florida, Hancock, Hinsdale, Lanesborough, Lee, Lenox, New Ashford, Otis, Peru, Richmond, Savoy, Stockbridge, Tyringham, Washington, West Stockbridge, Williamstown and Windsor. Prior to August 1975 the Pittsfield Standard Metropolitan Statistical Area consisted of the city of Pittsfield and the towns of Dalton, Lee, Lenox and Lanesborough only.

Boundaries: The labor area is bounded by the state of Vermont on the north and the state of New York on the west; in Massachusetts it is bounded on the south by the towns of Alford, Great Barrington, Monterey, and Sandisfield (all in Berkshire County) and on the east by the towns of Blandford and Chester (both in Hampden County), Middlefield, Worthington, Cummington and Plainfield (all in Hampshire County) and Hawley, Charlemont, Rowe, and Monroe (all in Franklin County).

Land Area: The Pittsfield Labor Area covers 663 square miles based on geographical boundaries determined by the Federal Committee on Standard Metropolitan Statistical Areas (SMSAs), chaired by the Office of Management and Budget.

Geographical Features: The area's most prominent feature is the chain of mountains known as the Berkshires. Mount Greylock (elevation 3,491 feet), the highest mountain in the state, is located in the Taconic Range near Adams; the Hoosac Range is of lower altitude and located in the southern part of the area. The area also boasts a number of pitcturesque lakes and valleys and numerous mountain streams and rivers, the Housatonic being the largest.

CETA Area: All of Berkshire County, which includes the cities and towns within the Pittsfield LMA and also the Great Barrington LMA which is comprised of the towns of Alford, Egremont, Great Barrington, Monterey, Mount Washington, New Marlboro, Sandisfield, and Sheffield.

Commercial Transportation: The main transportation for Pittsfield Labor Market Area is furnished by commercial bus lines and several private charter lines. Pittsfield has a major bus terminal with all facilities, located in the heart of the city. The bus lines are Arrow, Bonaza, DuFour Brothers, Greyhound and Vermont Transit. The North Adams and Williamstown areas are serviced by DuFour Brothers, Englander and Vermont Transit.

The passenger railroad situation is limited with one AMTRAK train stop each way per day into the city of Pittsfield on the Boston/Worcester/ Springfield/Albany/ Chicago run. Conrail also services Pittsfield, and the Boston and Maine Railroad services North Adams.

There is no major airline that comes into the Pittsfield Labor Market Area (LMA). There is a Pittsfield Municipal Airport which is currently contracting for a local commercial airline to service the area, and particularly to fly people into New York City.

Passengers can also travel to Albany air terminal or Springfield's Bradley Airport for other connections. General Electric has an airplane which is large enough to have to use the municipal airport. There are several company planes also using this airport. Freight transportation is handled by 2 air cargo services: Yankee Air Freight and Command Airways Inc.

Commuting: Both public transit and state highways provide access for passengers to the Pittsfield Labor Market Area. The Berkshire Regional Transit Authority (BRTA) which began operations in the mid-1970's to provide transportation services to residents of the central Berkshires has demonstrated strong and consistent rider-growth over the past 8 years. In 1975 the first operational year, the authority carried 258,246 passengers on its fixed routes.

In 1981 new transportation routes connected the existing system to the Adams, North Adams, Stockbridge, Great Barrington and Williamsburg. Recently, services have been established in the towns of Cheshire and Lanesboro. A further stimulus to public transportation is the increase in gasoline prices. As a result, of these factors, ridership has grown to 1,136,570 passengers in fiscal year 1981 and 1,371,811 in fiscal year 1982.

In Fiscal Year 1982, The Berkshire Regional Transit Authority (BRTA) began a connecting service between the Pittsfield and Central Berkshire areas up to the North Adams and Northern Berkshires area which provide a necessary link to help develop both communities.

The potential growth in Fiscal Year 1983 will be tempered by increase in fare rates between destinations, and also increase in rates between traveling zones yet the expected ridership should reach 1,400,000 mark which is almost six times the initial year passengers of 1975.

Public Roads: Tourism is a major development in the LMA which has unlimited natural beauty such as the fall foliage and many cultural events: i.e. (Tanglewood and Jacob's Pillar) and recreational activities (skiing, golf, tennis, etc.) to attract a greater number of persons into the area; therefore a great economic benefit to provide services in employment. Accessability is the key to this area which runs a number of first class and good roads. The Massachusetts Turnpike (East-West) has made an easy three-hour drive from Metropolitan New York and Boston areas. The development and construction of Interstate Route 91 (North-South) has opened up a greater flow of traffic from northern New Jersey, New York and Connecticut.

There is a need for better roads to the business and ski areas in the Pittsfield-North Adams area, particularly the road that leads to North Adams and into Vermont. The Northern Berkshire communities are almost isolated with the lack of roads. Route 2A (Mohawk Trail) (East-West) provides a link but it it a narrow with steep grades and curves which means difficulty in shipping raw materials and finished goods. Route 7 (north-south) is another link to the northern area but it is mostly a single lane highway which passes through cities and towns, resulting in slow and difficult travel.

3. Greenfield LMA: Consists of Ashfield, Bernardston, Buckland, Charlemont, Colrain, Conway, Deerfield, Gill, Greenfield, Hawley, Heath, Leverett, Leyden, Monroe, Montague, Northfield, Rowe, Shelburne, Shutesbury, Sunderland, and Whately all in Franklin County.

Commuting: The Greenfield Montague Transit Authority/ Franklin County Regional Transit Authority provides service in Greenfield and Montague and between Amherst, Rowe, Charlmont, Buckland, Colrain, Shelburn, Deerfield, Whately, Bernardston, Gill, Northfield, Sunderland, and Leverett. Englander Coach and Vermont Transit stop at Greenfield. The summary of Social and Employment Characteristics of the 1980 Census indicates 21.6 percent of the workers are in the Franklin County carpool.

4. Athol LMA: Consists of Athol, Barre, Peterham, Phillipston, and Royalston in Worcester County and Erving, New Salem, Orange Warwick, and Wendell in Franklin County.

Transportation: Athol is serviced by Trailways from New York City and Haverhill and by Englander Coach from Williamstown and Boston/ Greyhound. The section of the Athol Labor Market Area within Franklin County is crossed East to West by Route 2 and North to South by Routes 78 and 202. With the exception of Warwick, all the towns in 1980 had a greater percent of workers who used a car, a truck, or a van to get to work than the state as a whole (over 87 percent versus the state's 80 percent). In addition, all the towns with the exception of Warwick had in 1980 a greater percent of workers who carpooled than workers in the state as a whole. The Decennial Census of 1980 indicated Warwick had 238 employed residents and 234 workers in Warwick.

5. Great Barrington: Consists of Alford, Egremont, Great Barrington, Monterey, Mount Washington, New Marlborough, Sandisfield, and Sheffield all in Berkshire County.

Transportation: The town of Great Barrington lies at the intersection of Route 7 (North to South) and Route 23 (East to West). It is serviced by three interstate carriers from New York: Arrow Line, Bonanza and Resort Bus Lines. Over eighty-three percent of the workers in the towns on the west slope of the Berkshires (Alford, Egremont, Great Barrington, and Mount Washington) used cars, trucks, or vans to get to work in 1980.

With the exceptions of Great Barrington (22.2 percent) and New Marlborough (24.3 percent), carpooling in 1980 was less prevalent in the Great Barrington LMA than in the state as a whole (19.1 percent).

6. Ware LMA: Consists of Ware in Hampshire County and Hardwick, New Braintree, Oakham and West Brookfield in Worcester County.

Transportation: The Ware Labor Market Area's principal Routes 9,32, and 67 form a triangle. Just to the east of the labor market area, an improved Route 49 provides access to Route 90, the Massachusetts Turnpike, reducing the driving time to Boston and Springfield. The Peter Pan and Western Massachusetts Bus lines stop at Ware. With the exception of New Braintree, the percent of workers in the labor market area who used a car, truck, or van as a means of transportation to work in 1980 outpaced the state percent (over 85 percent versus 80 percent).

Again, with the exception of New Braintree, the percent of workers in carpools in 1980 in the labor market area outpaced the percent of total workers in Massachusetts (over 22 percent versus 19 percent).

7. Balance of State: The following towns in the Western Region are not part of any specified labor market area: Blandford, Chester, Tolland in Hampden County and Cummington, Goshen, Huntington, Middlefield, Plainville and Worthington in Hampshire County.

C. The Job Matching Service:

The seven Job Matching Service Centers in the Western Region act as labor exchanges in which local job service offices match worker skills and interests with employer job openings. Among the functions involved in this process are:

Interviewing jobseekers and identifying their job skills, knowledge and interests.

Listing Job Openings received from employers.

Referring applicants who meet the hiring requirements of the jobs listed.

Counseling and testing jobseekers who are not easily placed to assist them in obtaining suitable employment.

In addition to labor exchange activities under the Wagner-Peyser Act of 1933, it is involved in the administration of 25 other laws, 17 Executive orders, and 16 agreements with various Federal agencies, requiring the performance of specific duties relating to specifically targeted applicant groups. Among these groups are Vietnam-era veterans, the handicapped, older workers, youth, minorities, recipients of AFDC and food stamps, and persons eligible for ETA activities.

Since the inception of CETA in 1973 with its many services for individuals with special barriers to employment, the basic role of the job service as a public labor exchange serving job-ready applicants and employers with job openings has been reemphasized. Today the role of job matching can be described as one of being devoted to increasing the quantity and quality of placement, improving job search management, developing new tools such as computerized job matching, and building better relationships with private sector employers.

The Division of Employment Security's (DES) local Job Matching and Job Insurance offices in this four county area are located in Chicopee, Greenfield, Holyoke, North Adams, Northampton, Pittsfield and Springfield.

For the purpose of cross reference, the following lists are included so that the reader may locate the labor market area, CETA Prime Sponsor jurisdictions and the Local Job Matching and Job Insurance Centers for municipalities in the Western Region. Likewise, the municipalities included in the labor market areas, CETA areas, Job Matching and Job Insurance centers are listed.

DES Job Matching Centers and Municipalities Serviced

Chicopee

Chicopee
Westover Air Force Base

Greenfield

Ashfield
Bernardston
Buckfield
Charlemont
Colrain
Conway
Deerfield
Gill
Greenfield
Hawley
Heath
Leverett
Leyden
Montague
Northfield
Rowe
Shelburne
Shutesbury
Sunderland
Whately

Holyoke

Granby
Holyoke
South Hadley

North Adams

Adams
Clarksburg
Florida
Monroe
Monroe Bridge
New Ashford
North Adams
Savoy
Williamstown

Northampton

Amherst
Chesterfield
Cummington
Easthampton
Goshen
Hadley
Hatfield
Northampton
Pelham
Plainfield
Southampton
Westhampton
Williamsburg
Worthington

Pittsfield

Alford
Becket
Cheshire
Dalton
Egremont
Great Barrington
Hancock
Hinsdale
Housantonic
Lanesboro
Lee
Lenox
Monterey
Mount Washington
New Marlboro
Otis
Peru
Pittsfield
Richmond
Sandisfield
Stockbridge
Tyringham
Washington
West Stockbridge
Windsor

Springfield

Agawam
Belchertown
Blanford
Brimfield
Brookfield
Chester
East Brookfield
East Longmeadow
Hardwick
Holland
Ludlow
Middlefield
Monson
Montgomery
New Braintree
North Brookfield
Oakham
Palmer
Russell
Southwick
Springfield
Tolland
Wales
Ware
Warren
West Brookfield
West Springfield
Westfield

Muncipalities with Job Matching Centers That Serve Them

Municipalities	Centers	Labor Market Area
Adams	North Adams	Pittsfield
Agawam	Springfield	Springfield-Chicopee-Holyoke
Alford	Pittsfield	Great Barrington
Amherst	Northampton	Springfield-Chicopee-Holyoke
Ashfield	Greenfield	Greenfield
Becket	Pittsfield	Pittsfield
Belchertown	Springfield Itinerant	Springfield-Chicopee-Holyoke
Bernardston	Greenfield	Greenfield
Blandford	Springfield	Balance of State
Brimfield	Springfield	Springfield-Chicopee-Holyoke
Brookfield	Springfield Itinerant	Worcester
Buckland	Greenfield	Greenfield
Cheshire	Pittsfield	Pittsfield
Chester	Springfield	Balance of State
Chesterfield	Northampton	Springfield-Chicopee-Holyoke
Chicopee	Chicopee	Springfield-Chicopee-Holyoke
Clarksburg	North Adams	Pittsfield
Colrain	Greenfield	Greenfield
Conway	Greenfield	Greenfield
Cummington	Northampton	Balance of State
Dalton	Pittsfield	Pittsfield
Deerfield	Greenfield	Greenfield
East Brookfield	Springfield Itinerant	Worcester
East Longmeadow	Springfield	Springfield-Chicopee-Holyoke
Easthampton	Northampton	Springfield-Chicopee-Holyoke
Egremont	Pittsfield	Great Barrington
Florida	North Adams	Pittsfield
Gill	Greenfield	Greenfield
Goshen	Northampton	Balance of State
Granville	Springfield	Springfield-Chicopee-Holyoke
Greenfield	Greenfield	Greenfield
Hadley	Northampton	Springfield-Chicopee-Holyoke
Hampden	Springfield	Springfield-Chicopee-Holyoke
Hancock	Pittsfield	Pittsfield
Hardwick	Springfield Itinerant	Ware
Hatfield	Northampton	Springfield-Chicopee-Holyoke
Hawley	Greenfield	Greenfield
Heath	Greenfield	Greenfield
Hinsdale	Pittsfield	Pittsfield
Holland	Springfield	Southbridge
Huntington	Springfield	Balance of State

Municipalities with Job Matching Centers That Serve Them
(continued)

Municipalities	Centers	Labor Market Area
Lanesborough	Pittsfield	Pittsfield
Lee	Pittsfield	Pittsfield
Lenox	Pittsfield	Pittsfield
Leverett	Greenfield	Greenfield
Leyden	Greenfield	Greenfield
Longmeadow	Springfield	Springfield-Chicopee-Holyoke
Ludlow	Springfield	Springfield-Chicopee-Holyoke
Middlefield	Springfield	Balance of State
Monroe	North Adams	Greenfield
Monson	Springfield	Springfield-Chicopee-Holyoke
Montague	Greenfield	Greenfield
Monterey	Pittsfield	Great Barrington
Montgomery	Springfield	Springfield-Chicopee-Holyoke
Mount Washington	Pittsfield	Great Barrington
New Ashford	North Adams	Pittsfield
New Braintree	Springfield Itinerant	Ware
New Marlboro	Pittsfield	Great Barrington
North Adams	North Adams	Pittsfield
North Brookfield	Springfield Itinerant	Worcester
Northampton	Northampton	Springfield-Chicopee-Holyoke
Northfield	Greenfield	Greenfield
Oakham	Springfield Itinerant	Ware
Palmer	Springfield	Springfield-Chicopee-Holyoke
Pelham	Northampton	Springfield-Chicopee-Holyoke
Peru	Pittsfield	Pittsfield
Pittsfield	Pittsfield	Pittsfield
Plainfield	Northampton	Balance of State
Richmond	Pittsfield	Pittsfield
Rowe	Greenfield	Greenfield
Russell	Springfield	Springfield-Chicopee-Holyoke
Sandisfield	Pittsfield	Great Barrington
Savoy	North Adams	Pittsfield
Sheffield	Pittsfield	Great Barrington
Shelburne	Greenfield	Greenfield
Shutesbury	Greenfield	Greenfield
Southampton	Northampton	Springfield-Chicopee-Holyoke
Southwick	Springfield	Springfield-Chicopee-Holyoke
Springfield	Springfield	Springfield-Chicopee-Holyoke
Stockbridge	Pittsfield	Pittsfield
Sunderland	Greenfield	Greenfield

Municipalities with Job Matching Centers That Serve Them
(continued)

Municipalities	Centers	Labor Market Area
Tolland	Springfield	Balance of State
Tyringham	Pittsfield	Pittsfield
Wales	Springfield	Springfield-Chicopee-Holyoke
Ware	Springfield Itinerant	Ware
Warren	Springfield Itinerant	Springfield-Chicopee-Holyoke
Washington	Pittsfield	Pittsfield
West Brookfield	Springfield Itinerant	Ware
West Stockbridge	Pittsfield	Pittsfield
Westfield	Springfield	Springfield-Chicopee-Holyoke
Westhampton	Northampton	Springfield-Chicopee-Holyoke
(Westover Air Base)	Chicopee	Springfield-Chicopee-Holyoke
Whately	Greenfield	Greenfield
Wilbraham	Springfield	Springfield-Chicopee-Holyoke
Williamsburg	Northampton	Springfield-Chicopee-Holyoke
Williamstown	North Adams	Pittsfield
Windsor	Pittsfield	Pittsfield
Worthington	Northampton	Balance of State

D. Prime Sponsors in the Western Region and Municipalities Served (as of November 9, 1981).

Springfield

Agawam	Monson
Blandford	Montgomery
Brimfield	Palmer
Chester	Russell
Chicopee	Southwick
East Longmeadow	Springfield
Granville	Wales
Holland	Westfield
Holyoke	West Springfield
Longmeadow	Wilbraham
Ludlow	

Pittsfield

Adams	New Ashford
Alford	New Marlborough
Becket	North Adams
Cheshire	Otis
Clarksburg	Peru
Dalton	Pittsfield
Egremont	Richmond
Florida	Sandisfield
Great Barrington	Savoy
Hancock	Sheffield
Hinsdale	Stockbridge
Lanesborough	Tyringham
Lee	Washington
Lenox	West Stockbridge
Monterey	Williamstown
Mount Washington	Windsor

Balance of State - Franklin/Hampshire Subgrantee

Amherst
Ashfield
Athol
Belchertown
Bernardston
Buckland
Charlemont
Chesterfield
Colrain
Conway
Cummington
Deerfield
Easthampton
Erving
Gill
Goshen
Granby
Greenfield
Hadley
Hatfield
Hawley
Heath
Huntington
Leverett
Leyden
Middlefield
Monroe
Montague
New Salem
Northfield
Northampton
Orange
Pelham
Petersham
Phillipston
Plainfield
Rowe
Royalston
Shelburne
Shutesbury
Southampton
South Hadley
Sunderland
Ware
Warwick
Wendell
Westhampton
Whately
Williamsburg
Worthington

E. Eligible Labor Surplus Municipalities in the Western Region (by County) October 1982.

Berkshire County

Adams
Alford
Florida
New Ashford
New Marlborough
North Adams
Savoy
Tyringham

Franklin County

Ashfield
Leyden
Monroe
Montague
Orange

Hampden County

Brimfield
Granville
Holland
Tolland

Hampshire County

Cummington
Middlefield
Plainville
Ware
Worthington

F. Population and Labor Force Characteristics and Trends

The population and labor force projections for FY 1983 for the Springfield LMA, Pittsfield LMA, Pittsfield Consortium and Hampden County Consortium were developed by the Lawrence Berkely Laboratory at the University of California for the United States Department of Labor. Current projections should not be used in conjunction with or compared to prior years, since previous projections are not adjusted for corrections or updates.

Tables 1 through 8 give breakouts of projected populations and labor force characteristics including labor force participation rates of residents in each of the above-mentioned areas by age, sex and race.

Table 1

Population and Labor Force Composition Projections
for Fiscal Year 1983
Springfield-Chicopee-Holyoke LMA

Age Category	Population	Labor Force	Employment	Unemployment	Unemployment Rate	Labor Force Participation Rate
16 Years & Older	483,159	294,623	274,883	19,740	6.7	61.0
White Males	201,757	143,046	134,914	8,132	5.7	70.9
16-17	9,194	5,011	4,332	679	13.6	54.5
18-19	9,194	4,664	3,858	806	17.3	50.8
20-24	22,950	16,180	14,424	1,756	10.9	70.5
25-34	43,914	39,215	37,603	1,612	4.1	89.3
35-44	34,537	31,118	30,253	865	2.8	90.1
45-64	52,405	41,448	39,559	1,889	4.6	79.2
65 plus	29,563	5,410	4,885	525	9.7	18.3
White Females	235,271	125,164	117,154	8,010	6.4	53.2
16-17	9,367	6,023	5,057	966	16.0	64.3
18-19	9,367	4,739	4,292	447	9.4	50.6
20-24	25,535	16,930	15,751	1,179	7.0	66.3
25-34	47,179	31,846	30,617	1,229	3.9	67.5
35-44	31,547	24,039	23,091	948	3.9	76.2
45-64	61,659	37,487	34,622	2,865	7.6	60.8
65 plus	50,617	4,100	3,724	376	9.2	8.1
Nonwhite Males	20,274	14,131	12,167	1,964	13.9	69.7
16-17	786	246	80	166	67.5	31.3
18-19	786	348	168	180	51.7	39.3
20-24	2,526	2,016	1,478	538	26.7	79.8
25-34	4,633	3,521	2,974	547	15.5	76.0
35-44	3,168	2,363	2,217	146	6.2	74.6
45-64	7,118	5,456	5,094	362	6.6	75.7
65 plus	1,257	181	156	25	13.8	14.4
Nonwhite Females	25,857	12,282	10,634	1,634	13.3	47.5
16-17	1,352	196	124	72	36.7	14.5
18-19	1,352	371	250	121	32.6	39.0
20-24	2,453	1,300	857	443	34.1	53.0
25-34	5,121	2,719	2,285	434	16.0	53.1
35-44	4,220	2,764	2,339	425	15.4	65.5
45-64	9,097	4,647	4,535	112	2.4	47.4
65 plus	2,262	285	258	27	9.5	12.6

Source: Lawrence Berkeley Laboratory and Labor Area Research Department
Note: For all areas, population counts by race (white, black, and other) from the 1980 Census are used as population control totals for 1980. Since there are major differences in response between the 1970 Census and 1980 Census, the racial breakdowns for the two years are not comparable.

Table 2

Population and Labor Force Composition Projections
Fiscal Year 1983
Hampden County Consortium

Category	Population	Labor Force	Employ-ment	Unemploy-ment	Unemploy. Rate	Labor Force Participation Rate
TOTAL	349,376	216,250	201,445	14,805	6.8	61.9
White Males	142,969	104,923	99,047	5,876	5.6	73.4
16-17	8,098	4,883	4,318	565	11.6	60.3
18-19	8,112	4,478	3,809	669	14.9	55.2
20-24	18,995	14,949	13,468	1,481	9.9	78.7
25-34	24,522	22,119	21,280	839	3.8	90.2
35-44	19,444	17,480	16,835	645	3.7	89.9
45-64	43,169	35,960	34,708	1,252	3.5	83.3
65 plus	20,629	5,054	4,629	425	8.4	24.5
White Females	164,412	86,863	81,115	5,748	6.6	52.9
16-17	7,697	4,949	4,246	703	14.2	64.3
18-19	7.872	4,503	4,125	378	8.4	57.2
20-24	18,605	12,447	11,650	797	6.4	66.9
25-34	26,520	17,185	16,154	1,031	6.0	64.8
35-44	22,022	16,318	15,698	620	3.8	74.1
45-64	48,286	28,855	26,863	1,992	6.9	59.8
65 plus	33,410	2,606	2,379	227	8.7	7.8
Nonwhite Males	17,506	12,342	10,688	1,654	13.4	70.5
16-17	618	235	75	160	68.1	38.0
18-19	618	335	165	170	50.7	54.2
20-24	2,030	1,543	1,114	429	27.8	76.0
25-34	3,989	3,339	2,888	451	13.5	83.7
35-44	3,032	2,256	2,100	156	6.9	74.4
45-64	6,168	4,489	4,227	262	5.8	73.0
65 plus	1,051	145	119	26	17.9	13.8
Nonwhite Females	24,489	12,122	10,595	1,527	12.6	49.5
16-17	1,130	173	103	70	40.5	15.3
18-19	1,125	323	212	111	34.4	28.7
20-24	2,127	1,423	1,009	414	29.2	66.9
25-34	4,993	2,681	2,271	410	15.3	53.7
35-44	4,004	2,675	2,287	388	14.5	66.8
45-64	8,970	4,588	4,478	110	2.4	51.2
65 plus	2,140	259	235	24	9.3	12.1

Lawrence Berkeley Laboratory and Labor Area Research Department

Table 3

Population and Labor Force Composition Projections
Pittsfield LMA
Fiscal Year 1983

	Population	Labor Force	Employment	Unemployment	Unemployment Rate	Labor Force Participation Rate
Total	130,471	69,973	64,725	5,248	7.5	70.0
White Male	61,216	37,656	34,948	2,708	7.2	82.2
0-15	15,413	--	--	--	--	--
16-19	4,925	2,907	2,510	397	13.7	59.0
20-24	6,281	5,474	5,124	350	6.4	87.2
25-34	11,719	11,485	10,778	707	6.2	98.0
35-44	8,475	8,306	7,857	443	5.3	98.0
45-64	9,669	8,606	8,047	559	6.5	89.0
65 plus	4,734	878	626	252	28.7	18.5
White Female	66,400	31,218	28,782	2,436	7.8	59.9
0-15	14,287	--	--	--	--	--
16-19	4,589	3,146	2,719	427	13.6	68.6
20-24	6,145	4,755	4,433	322	6.8	77.4
25-34	11,209	7,818	7,445	373	4.8	69.9
35-44	8,918	7,597	7,322	275	3.6	85.2
45-64	11,236	7,140	6,456	684	9.6	63.6
65 plus	10,016	762	407	355	46.6	7.6
Nonwhite Male	1,299	588	569	19	4.7	62.1
0-15	373	--	--	--	--	--
16-19	82	34	28	6	17.6	41.5
20-24	82	57	55	2	3.5	69.5
25-34	139	134	131	3	2.2	96.4
35-44	112	111	108	3	2.7	99.1
45-64	323	247	244	3	1.2	76.5
65 plus	188	5	3	2	40.0	2.7
Nonwhite Female	1,556	511	426	85	16.6	45.6
0-15	436	--	--	--	--	--
16-19	99	35	18	17	48.6	35.4
20-24	133	56	48	8	12.5	42.1
25-34	257	141	129	12	8.5	54.9
35-44	221	137	125	12	8.8	62.0
45-64	301	130	100	26	15.4	43.2
65 plus	109	12	2	10	58.3	11.0

Table 4

Population and Labor Force Composition Projections
Pittsfield Consortium
Fiscal Year 1983

Category	Population	Labor Force	Employ-ment	Unemploy-ment	Unemploy-ment Rate	Labor Force Participation Rate
Total	145,110	81,241	75,747	6,094	7.5	70.0
White Male	67,962	44,133	40,989	3,144	7.1	82.8
0-15	14,675	--	--	--	--	--
16-19	4,960	3,176	2,715	461	14.5	64.0
20-24	6,323	6,104	5,698	406	6.7	96.5
25-34	11,440	11,212	10,391	821	7.3	98.0
35-44	8,371	8,203	7,689	514	6.3	98.0
45-64	14,039	13,691	12,042	649	4.7	97.5
65 plus	8,154	1,747	1,454	293	16.8	21.4
White Female	73,840	35,694	32,909	2,785	7.8	59.1
0-15	13,403	--	--	--	--	--
16-19	4,529	3,282	2,793	489	14.9	72.5
20-24	5,739	4,709	4,341	368	7.8	82.1
25-34	9,890	7,341	6,915	426	5.8	74.2
35-44	8,640	7,834	7,520	314	4.0	90.7
45-64	16,774	11,290	10,408	782	6.9	67.3
65 plus	14,865	1,238	832	406	32.8	8.3
Nonwhite Male	1,490	736	689	47	6.4	73.7
0-15	492	--	--	--	--	--
16-19	111	55	39	16	29.1	49.5
20-24	115	91	86	5	5.5	79.1
25-34	215	208	201	7	3.4	96.7
35-44	179	179	172	7	3.9	100.0
45-64	227	191	184	7	3.7	84.1
65 plus	151	12	7	5	41.7	7.9
Nonwhite Female	1,818	678	560	118	17.4	50.7
0-15	480	--	--	--	--	--
16-19	100	53	29	24	45.3	53.0
20-24	138	75	64	11	14.7	54.3
25-34	280	184	167	17	9.2	65.7
35-44	265	198	181	17	8.6	74.7
45-64	362	142	107	35	24.6	39.2
65 plus	193	26	12	14	53.8	13.5

Table 5

Springfield-Chicopee-Holyoke Labor Market Area
Labor Force Composition Projected Change

1970 - 1983

Race and Age	April 1, 1970	July 1, 1983	1970 to 1983 Number	Percent
TOTAL	234,135	294,623	60,488	25.8
White Males	134,426	143,046	8,620	6.4
16-17	4,329	5,011	682	15.8
18-19	4,913	4,664	- 249	- 5.1
20-24	15,037	16,180	1,143	7.6
25-34	26,792	39,215	12,423	46.4
35-44	26,601	31,118	4,517	17.0
45-64	50,836	41,448	- 9,388	- 18.5
65+	5,918	5,410	- 508	- 8.6
White Females	91,069	125,164	34,095	37.4
16-17	3,555	6,023	2,468	69.4
18-19	5,672	4,739	- 933	- 16.4
20-24	13,693	16,930	3,237	23.6
25-34	12,596	31,846	19,250	152.8
35-44	16,053	24,039	7,986	49.7
45-64	35,774	37,487	1,713	4.8
65+	3,726	4,100	374	10.0
Nonwhite Males	4,743	14,131	9,388	197.9
16-17	81	246	165	203.7
18-19	218	348	130	59.6
20-24	645	2,016	1,371	212.6
25-34	1,411	3,521	2,110	149.5
35-44	1,050	2,363	1,313	125.0
45-64	1,221	5,456	4,235	346.8
65+	117	181	64	54.7
Nonwhite Females	3,897	12,282	8,385	215.2
16-17	88	196	108	122.7
18-19	267	371	104	39.0
20-24	594	1,300	706	118.8
25-34	1,004	2,719	1,715	170.8
35-44	1,027	2,764	1,737	169.1
45-64	806	4,647	3,841	476.6
65+	111	285	174	156.8

SOURCE: Lawrence Berkeley Laboratory and Labor Area Research Department

Table 6

Hampden Consortium
Labor Force Composition Projected Change

1970 - 1983

Race and Age	April 1, 1970	July 1, 1983	Change 1970 to 1983 Number	Percent
TOTAL	188,442	216,351	27,909	14.8
White Males	108,490	104,923	- 3,567	- 3.3
16-17	3,560	4,883	1,323	37.2
18-19	3,573	4,478	905	25.3
20-24	11,143	14,949	3,806	34.2
25-34	21,530	22,119	589	2.7
35-44	22,013	17,480	- 4,533	- 20.6
45-64	41,876	35,960	- 5,916	- 14.1
65+	4,795	5,054	259	5.4
White Females	71,898	86,963	15,065	21.0
16-17	2,924	4,949	2,025	69.3
18-19	4,002	4,403	401	10.0
20-24	9,614	12,347	2,733	28.4
25-34	9,987	17,185	7,198	72.1
35-44	12,920	16,418	3,498	27.1
45-64	29,471	29,055	- 416	- 1.4
65+	2,980	2,606	- 374	- 12.6
Nonwhite Males	4,429	12,343	7,914	178.7
16-17	80	235	155	193.8
18-19	177	335	158	89.3
20-24	563	1,543	980	174.1
25-34	1,296	3,369	2,073	156.0
35-44	1,027	2,256	1,229	119.7
45-64	1,174	4,459	3,285	279.8
65+	112	146	34	30.4
Nonwhite Females	3,625	12,122	8,497	234.4
16-17	88	173	85	96.6
18-19	231	323	92	39.8
20-24	504	1,423	919	182.3
25-34	948	2,681	1,733	182.8
35-44	986	2,675	1,689	171.3
45-64	779	4,588	3,809	489.0
65+	89	759	170	191.0

NOTE: For all areas, population counts by race (white, black, and other) from the 1980 Census are used as population control totals for 1980. Since there are major differences in response, between the 1970 Census and 1980 Census, the racial breakdowns for the two years are not comparable.

SOURCE: Lawrence Berkeley Laboratory and Labor Area Research Department

Table 7

Pittsfield Labor Market Area
Labor Force Projected Change

1970 - 1983

Race and Age	April 1, 1970	July 1, 1983	Change 1970 to 1983 Number	Percent
TOTAL	61,681	69,973	8,292	13.4
White Males	37,351	37,656	305	.8
16-17	1,065	1,289	224	21.0
18-19	1,353	1,618	265	19.6
20-24	3,904	5,474	1,570	40.2
25-34	7,383	11,485	4,102	55.6
35-44	7,401	8,306	905	12.2
45-64	14,478	8,606	- 5,872	- 40.6
65+	1,767	878	- 889	- 50.3
White Females	23,631	31,218	7,587	32.1
16-17	863	1,453	590	68.3
18-19	1,172	1,693	521	44.5
20-24	3,032	4,755	1,723	56.8
25-34	3,183	7,818	4,635	145.6
35-44	4,588	7,597	3,009	65.6
45-64	9,811	7,140	- 2,671	- 27.2
65+	982	762	- 220	- 22.4
Nonwhite Males	420	588	168	40.0
16-17	5	8	3	60.0
18-19	14	26	12	85.7
20-24	65	57	- 8	- 12.3
25-34	89	134	45	50.6
35-44	83	111	28	33.7
45.64	158	247	89	56.3
65+	6	5	- 1	- 16.7
Nonwhite Females	279	511	232	83.2
16-17	9	22	13	144.4
18-19	17	12	- 4	- 23.5
20-24	25	56	31	124.0
25-34	71	141	70	98.6
35-44	72	137	65	90.3
45-64	69	130	61	88.4
65+	16	12	- 4	- 25.0

SOURCE: Lawrence Berkeley Laboratory and Labor Area Research Department

Table 8

Pittsfield Consortium
Labor Force Projected Change
1970 - 1983

Race and Age	April 1, 1970	July 1, 1983	Change 1970 to 1983 Number	Percent
TOTAL	61,778	81,241	19,463	31.5
White Males	37,437	44,133	6,696	17.9
16-17	1,065	1,383	318	29.9
18-19	1,362	1,793	431	31.6
20-24	3,944	6,104	2,160	54.8
25-34	7,404	11,212	3,808	51.4
35-44	7,413	8,203	790	10.7
45-64	14,482	13,691	- 791	- 5.7
65+	1,767	1,747	- 20	- 1.1
White Females	23,637	35,694	12,027	51.0
16-17	863	1,515	652	75.6
18-19	1,173	1,767	594	50.6
20-24	3,034	4,709	1,675	55.2
25-34	3,184	7,341	4,157	130.6
35-44	4,589	7,834	3,245	70.7
45-64	9,812	11,290	1,478	15.1
65+	982	1,238	256	26.1
Nonwhite Males	425	736	311	73.2
16-17	5	10	5	100.0
18-19	14	45	31	221.4
20-24	67	91	24	35.8
25-34	90	208	118	131.1
35-44	85	179	94	110.6
45-64	158	91	33	20.9
65+	6	12	6	100.0
Nonwhite Females	279	678	399	143.0
16-17	9	38	29	322.2
18-19	17	15	- 2	- 11.8
20-24	25	75	50	200.0
25-34	71	184	113	159.2
35-44	72	198	126	175.0
45-64	69	142	73	105.8
65+	16	26	10	62.5

SOURCE: Lawrence Berkeley Laboratory and Labor Area Research Department

Table 9

Population by County and Race
Western Massachusetts, 1980

Region and Counties	Population Total	White	Nonwhite
Total Western Region	791,258	736,219	55,039
Berkshire County	145,110	142,064	3,046
Franklin County	64,317	63,541	776
Hampden County	443,018	396,175	46,843
Hampshire County	138,813	134,439	4,374

Source: PHC-V-83, 1980 Census of Population and Housing

Table 10
Labor Force Data*
1979, 1980, and 1981 Annual Averages
Springfield-Chicopee-Holyoke LMA

Date	Labor Force	Employment	Unemployment	Rate of Unemployment
1979				
January	275.6	258.1	17.5	6.3
February	276.5	261.0	15.5	5.6
March	276.6	259.5	17.1	6.2
April	272.6	259.8	12.8	4.7
May	271.0	259.5	11.5	4.3
June	274.3	262.3	12.0	4.4
July	278.5	267.2	11.3	4.0
August	277.4	266.1	11.3	4.1
September	275.7	261.3	14.4	5.2
October	266.4	256.8	9.6	3.6
November	267.1	256.7	10.4	3.9
December	274.0	258.9	15.1	5.5
Annual Averages	273.8	260.6	13.2	4.8
1980				
January	267.5	252.8	14.7	5.5
February	268.2	254.9	13.3	5.0
March	269.3	256.4	12.9	4.8
April	269.8	256.7	13.1	4.9
May	271.1	254.4	16.7	6.2
June	270.4	253.2	17.2	6.4
July	274.2	258.3	15.9	5.8
August	276.9	260.1	16.8	6.1
September	275.7	259.9	15.8	5.7
October	281.3	265.3	16.0	5.7
November	279.4	266.7	12.7	4.5
December	280.1	267.2	12.9	4.6
Annual Averages	273.7	258.9	14.8	5.5
1981				
January	273.8	256.0	17.8	6.5
February	279.1	261.4	17.7	6.3
March	276.9	260.1	16.8	6.1
April	269.5	255.8	13.7	5.1
May	272.1	256.9	15.2	5.6
June	275.2	288.5	16.7	6.1
July	282.3	263.8	18.5	6.5
August	282.9	263.2	19.7	7.0
September	278.8	261.2	17.6	6.3
October	288.4	269.1	19.3	6.7
November	290.4	272.4	18.0	6.2
December	290.3	268.8	21.5	7.4
Annual Averages	280.0	262.3	17.7	6.3

* In Thousands
Source: LAUS

Table 11
Civilian Labor Force
Springfield-Chicopee-Holyoke LMA
1981-1982 (by month)

Period	Labor Force	Employment	Unemployment	Unemployment Rate
1981				
January	273,810	256,050	17,760	6.5
February	279,110	261,430	17,680	6.3
March	276,960	260,140	16,820	6.1
April	269,530	255,850	13,680	5.1
May	272,060	256,870	15,190	5.6
June	275,210	258,520	16,690	6.1
July	282,270	263,820	18,450	6.5
August	282,900	263,210	19,690	7.0
September	278,770	261,190	17,580	6.3
October	288,420	269,150	19,270	6.7
November	290,440	272,400	18,040	6.2
December	290,330	268,820	21,510	7.4
Annual Average	279,980	262,290	17,690	6.3
1982				
January	294,300	271,200	23,100	7.9
February	293,300	269,100	24,200	8.2
March	293,700	271,400	22,300	7.6
April	288,500	265,900	22,600	7.8
Four Month Average	292,450	269,400	23,050	7.9

Rounded
Source: Labor Area Unemployment Statistics

Table 12

Pittsfield LMA
Civilian Labor Force, Total Employment, Total
Unemployment and Unemployment Rates
1980

Month	Civilian Labor Force	Total Employment	Total Unemployment	Unemployment Percent of Labor Force
January	68,633	64,017	4,616	6.7
February	68,173	63,830	4,343	6.4
March	67,296	63,289	4,007	6.0
April	67,020	62,942	4,078	6.1
May	67,843	63,510	4,333	6.4
June	69,039	63,989	5,050	7.3
July	72,630	68,241	4,389	6.0
August	72,565	68,312	4,253	5.9
September	68,344	64,323	4,011	5.9
October	68,471	64,515	3,956	5.8
November	67,706	64,365	3,341	4.9
December	68,912	64,582	4,330	6.3
Annual Average	68,886	64,600	4,226	6.1

Table 13
Civilian Labor Force
Pittsfield LMA
1981-1982 (by Month)

Period	Labor Force	Employment	Unemployment	Unemployment Rate
1981				
January	67,090	62,610	4,480	6.7
February	67,730	63,010	4,720	7.0
March	66,860	62.400	4,460	6.7
April	65,210	61,680	3,580	5.5
May	65,960	61,970	3,990	6.0
June	68,320	64,000	4,320	6.3
July	71,610	66,820	4,790	6.7
August	71,620	66,340	5,280	7.4
September	67,720	62,700	5,020	7.4
October	68.210	63,300	4,910	7.2
November	68,470	63,830	4,640	6.8
December	69,240	62,770	6,470	9.3
Annual Average	68,170	63,450	4,720	6.9
1982				
January	68,360	62,340	6,020	8.8
February	67,000	61.270	5,720	8.5
March	66,910	61,200	5,710	8.5
April	66,810	60,610	6.200	9.3
Four Month Average	67,270	61,355	5,915	8.8

Source: Massachusetts Division of Employment Security
Labor Area Unemployment Statistics Program

Figures may not add due to rounding.

Table 14
Civilian Labor Force, Labor Market Areas and Counties, Western Massachusetts
1981 Annual Averages

Area	Civilian Labor Force	Employment	Unemployment	Unemployment Rate
Major Labor Market Areas				
Pittsfield LMA	68,170	63,450	4,720	6.9
Springfield-Chicopee-Holyoke LMA	279,984	262,288	17,696	6.3
Minor Labor Market Areas				
Athol LMA	11,318	10,547	771	6.8
Great Barrington LMA	10,261	9,805	456	4.4
Greenfield LMA	29,028	27,356	1,672	5.8
Ware LMA	6,418	5,854	564	8.8
Western Massachusetts Counties Total	396,191	370,888	25,303	6.4
Berkshire County	78.430	73,254	5,176	6.6
Franklin County	32,642	30,824	1,818	5.6
Hampden County	225,637	210,673	14,964	6.6
Hampshire County	59,482	56,137	3,345	5.6
Massachusetts	2,961,000	2,773,000	188,000	6.4

Sourec: Labor Area Unemployment Statistics

G. ASSUMPTIONS AND PROJECTIONS FOR THE ECONOMY

COMMONWEALTH OF MASSACHUSETTS

FEDERAL FISCAL YEAR 1983 (FFY'83)

The Job Market Research staff of the Division of Employment Security gathers data, analyzes and reports on changes in the state's employment and unemployment situation. Even utilizing the most current data available together with computer models of the state and national economies, it is difficult to project future economic conditions. Forecasting is especially difficult during times of rapid change, such as we have been experiencing. The economic forecasts presented in this report are based on data available at the end of May, 1982.

1. EMPLOYMENT

Total employment in Massachusetts, as reported in the Current Population Statistics (CPS) series, is expected to average 2,794,300 during FFY'83, an increase of about 19,000 from FFY'82.

Nonagricultural wage and salary jobs, reported in the Current Employment Statistics series (CES-790) is expected to average 2,659,000 an increase of over 25,000 jobs from FFY'82 to FFY'83.

2. UNEMPLOYMENT

We project that Massachusetts unemployment rate will average 7.5 percent during FFY'83, down from 7.7 percent in FFY'82, and about one and one-half percentage points below the national average of 9.0 percent in FFY'83.

		MASSACHUSETTS			U. S.
	Labor Force (in 000's)	Employment (in 000's)	Unemployment (in 000's)	Unemployment Rate (%)	Unemployment Rate (%)
FFY '81	2935.1	2761.9	173.2	5.9	7.4
FFY '82	3007.0	2775.5	231.5	7.7	9.1
FFY '83	3021.6	2794.3	227.3	7.5	9.0

MASSACHUSETTS

PROJECTED EMPLOYMENT BY INDUSTRY GROUP

Industry	Employment (in 000's)		
	FFY 1981 (Actual)	FFY 1982 (Projected)	FFY 1983 (Projected)
TOTAL NONAGRICULTURAL EMPLOYMENT	2656.8	2633.6	2659.3
Manufacturing - Total	668.0	646.0	647.5
Durable Goods	410.1	398.6	401.5
Nondurable Goods	257.9	247.8	246.0
Construction	78.0	80.1	80.7
Transportation, Communications and Public Utilities	120.3	118.1	117.7
Wholesale and Retail Trade	574.6	578.1	587.7
Finance, Insurance and Real Estate	162.5	166.4	169.5
Services	656.8	673.4	690.0
Government	396.6	371.1	366.2
Federal	57.7	56.3	56.2
State	97.8	94.5	92.4
Local	241.2	220.3	217.6

Prepared by: Job Market Research
July, 1982

III. Economic Developments and Outlook by Industry

A. Springfield-Chicopee-Holyoke LMA

The table below outlines the course of nonagriculture employment in the Springfield-Chicopee-Holyoke Labor Market Area since 1970 when the current employment series began.

The number of nonagricultural jobs in the area grew steadily up to 1974, then dropped sharply in the 1975 recession. The trend then repeated itself by peaking in 1980 just prior to the current recession. However, by 1976 recovery from the earlier downturn was well on its way. The current recession is much more prolonged in the Springfield-Chicopee-Holyoke LMA.

Nonagricultural Employment in
Springfield-Chicopee-Holyoke LMA
Annual Averages
1970-1981

Year	Nonagricultural	Manufacturing	Manufacturing As Percent of Total
1970	203,700	67,800	33.3
1971	202,600	62,500	30.8
1972	204,700	62,900	30.7
1973	213,500	65,200	30.5
1974	215,100	66,400	30.9
1975	206,800	60,200	29.1
1976	212,100	61,800	29.1
1977	220,900	64,000	29.0
1978	231,600	66,600	28.8
1979	236,200	67,400	28.5
1980	238,200	66,800	28.0
1981	235,100	63,300	26.9

Table 15 compares nonagricultural employment totals during the last three years. The figures show that for all months listed nonagricultural payrolls declined since 1980. Furthermore the over-the-year decline for most months has increased. The ten-month average decline was 3,000 jobs or 1.3 percent in 1981 and 5,100 jobs or 2.2 percent in 1982. To the extent that the fluctuations in the number of nonagricultural jobs in an area are a measure of the health of the economy, the Springfield area is still in a slow decline, especially when one takes into account that the effects of the recession on employment are somewhat masked by reductions in work weeks, temporary shutdowns, layoffs and part-time employment for economic reasons.

Table 15
Three Year Comparison of Nonagricultural Employment
Springfield-Chicopee-Holyoke LMA
January-October, 1980-1982

Month	1980	1981	1982
January	234,100	230,500	227,800
February	237,300	234,000	230,000
March	238,000	235,300	230,800
April	239,900	236,700	232,300
May	239,100	238,600	234,000
June	237,800	235,100	228,600
July	233,600	230,700	224,600
August	235,200	231,500	224,900
September	238,900	235,000	230,600
October	240,800	237,100	230,800
10-Month Average	237,500	234,500	229,400

Table 16

Nonagricultural Wage and Salary Employment (in 000's)
Springfield-Chicopee-Holyoke LMA
1980 and 1981

Industry Total	Annual Average 1981	Annual Average 1980	Percent Change 1980 to 1981	Industry Share As Percent of Total Nonag. Employ. 1981	Industry Share As Percent of Total Nonag. Employ. 1980
Total Nonagricultural Employment	235.1	238.2	- 1.3	100.0	100.0
Manufacturing Total	63.6	66.8	- 4.8	27.1	28.0
Durable Goods Total	28.6	30.1	- 5.0	12.2	12.6
Primary Metal	2.2	2.3	- 4.3	.9	.9
Fabricated Metal	9.4	9.8	- 4.1	4.0	4.1
Machinery Exc. Electrical	8.6	9.2	- 6.5	3.7	3.9
Special Industry	1.7	1.8	- 5.6	.7	.8
General Industry	1.6	2.0	- 20.0	.7	.8
Other Machinery Exc. Elec.	5.3	5.4	- 1.9	2.3	2.3
Electrical and Electronic	3.2	3.5	- 8.6	1.4	1.5
Other Durable Goods	5.2	5.3	- 1.9	2.2	2.2
Nondurable Goods Total	35.0	36.7	- 1.7	14.9	15.4
Textiles	1.9	1.9	0	.8	.8
Apparel	2.7	2.8	- 3.6	1.1	1.2
Paper	7.4	7.5	- 1.3	3.2	3.1
Misc. Converted Paper	4.4	4.5	- 2.2	1.9	1.9
Other Paper and Allied	3.0	3.0	0	1.3	1.2
Printing and Publishing	6.2	6.0	3.3	2.6	2.5
Chemicals and Allied	3.6	3.7	- 2.7	1.5	1.6
Misc. Manufacturing	6.5	7.2	- 9.7	2.8	3.0
Other Nondurables	6.7	7.6	- 11.8	2.9	3.2
Construction	6.1	6.1	0	2.6	2.6
Trans., Comm., & Public Utilities	9.3	9.3	0	3.9	3.9
Wholesale & Retail Trade	48.3	48.2	.2	20.5	20.2
Finance, Insurance, & R. E.	13.4	13.2	1.5	5.7	5.5
Insurance Carriers	5.5	5.3	3.8	2.3	2.2
Other Finance, Insurance	7.9	7.9	0	3.4	3.3
Services and Mining	48.0	46.0	4.3	20.4	19.3
Government	46.5	48.6	- 4.3	19.8	20.4

SOURCE: BLS - 790, Current Employment Statistics Program, BLS - 790, 1981 Benchmark

Manufacturing's share of employment in 1970 was 33.3 percent. In 1981 it was 26.9 percent. During the current recession, ten month averaged employment in manufacturing industries have been running almost 4,000 fewer jobs than year-ago figures.

Three Year Comparison of Manufacturing Employment
Springfield-Chicopee-Holyoke LMA
January-October 1980-1982

Year	1980	1981	1982
January	69,100	62,800	61,800
February	68,900	63,000	61,100
March	69,000	63,200	60,800
April	68,100	63,600	60,100
May	67,500	63,800	59,800
June	67,400	65,000	60,000
July	65,000	63,100	58,000
August	65,800	63,700	59,200
September	65,700	65,000	59,400
October	65,600	64,200	58,400
10-Month Average	67,200	63,700	59,900

The Springfield-Chicopee-Holyoke LMA had a higher percentage share of manufacturing employment (26.9 percent) of total employment than the state(Massachusetts) (25.1 percent) and the Boston Standard Metropolitan Statistical Area (19.9 percent), the labor market area with the lowest 1981 annual average unemployment rate.

The durable goods sector of manufacturing began the current employment series with 28,600 jobs in 1970. In 1981 there were 28,600 jobs in durable goods industries, showing remarkable stability in this sector. However, the mix of industries has changed, Below is the percent distribution of industries in the durable goods sector:

	1970	1980
Primary Metals	12.2	7.7
Fabricated Metals	30.7	32.9
Nonelectrical Machinery	26.2	30.1
Electrical Machinery	9.8	11.2
"Other" Durable Goods	21.0	18.2

In contrast to the durable goods sector of manufacturing, employment in the nondurable goods presents a picture of slow steady decline from a high of 39,200 in 1970 to 35,000 in 1981. In 1970 nondurable goods manufacturers employed 57.8 percent of all factory workers. In 1981, the sector employed 55 percent.

Employment in the primary metals industry reached its highest level in 1974 at 3,500 and has dropped to 2,200 in 1981. During 1982 layoffs continued,bringing employment down to 1,600 in October. The slow, long-term decline of employment in this industry was brought about by foreign competition, but recently it has been affected by the recession as well. Primary metals is a capital intensive, highly automated industry using heavy equipment such as blast furnaces, extruders, and foundaries to produce iron castings, cold-rolled steel, cables and wires. These products are generally used by other industries. As such their productions tends to fluctuate according to the developments in other durable goods industries which produce goods using metal products. Smith and Wesson, a hand gun manufacturer, and one of the Springfield area's largest employers has eliminated 30 engineering and support staff positions earlier this year in an effort to cut costs. In June, 35 additional staff positions were eliminated. The company will also shut down production between Christmas and New Years.

Fabricated metals is the largest manufacturing industry in the Springfield-Chicopee-Holyoke LMA. It has shown a slow but steady improvement during the past decade from 7,800 in 1971 to 10,000 in 1979. Unlike most manufacturing industries its employment continued to grow during the 1975 recession. But like other manufacturing industries, employment peaked in 1979 and has declined to a low of 8,200 in October, 1982. This industry,like primary metals, is affected by the recession but usually to a lesser degree. Many of its products are finished goods that may be stockpiled allowing for a lag between business slowdown and layoffs. Many companies produce auto parts and are particularly sensitive to the slump in auto sales.

The nonelectrical machineryindustry is primarily a producer of capital goods equipment for the food, textile,paper, and printing industries. Its products range from computers, industrial compressors,to mechanical power

transmission and many other specialized heavy equipment for all industries including its own. The decrease in orders for capital goods is a strong indicator of business downturns and a delay in reindustrialization.

Nonelectrical machinery is the second largest manufacturing industry in the area employing 7,900 as of October 1982. This figure approximates the 7,700 level during the 1975 recession. However, in the earlier recession, employment growth only slowed down while during the current recession employment is dropping sharply, from a peak of 9,200 in 1980 to 8,600 in 1981. During 1982, the lack of orders for capital goods is reflected in the declines in payrolls from 8,700 in January to 7,900 in October.

Digital Equipment Corporation announced a three-month freeze on wages in September that will affect some 2,500 employees in Western Massachusetts. During the previous recession in 1975, small computer manufacturers suffered relatively few setbacks as demand for its products continued to soar. During the current worldwide slowdown, severe competition and lower demand for mini-computers has forced Digital Equipment to freeze wages and agressively lower prices as a means to prevent layoffs and to hold onto valued employees so as to be ready for the economic recoveries of the nation and Western Europe. The Van Norman Machine Company formerly one of Springfield's largest employers with a peak of over 1,000 workers, closed down in September with a loss of 80 jobs. Declining business in diesal trucking and agricultural markets were cited as the reason for lay-offs of 90 workers and a two week shutdown at American Bosch Company, a producer of fuel-injection systems for diesel trucks.

On a more positive note, on November 11, Wang Laboratories broke ground in Holyoke. The company will spend $17.5 million on a new 203,000-square foot building and equipment which will produce computers and is expected to bring about 800 jobs to the area when completed in late 1983.

The electrical machinery industry suffered a severe blow in the 1975 recession in which nearly half of its payrolls of 4,000 was wiped out. Since that time employment has risen to 3,600 in 1979 and has recently dropped to 3,200 in 1981 and has continued to decline in 1982. Since a large part of the industry's production involves electronic equipment for autos, it has been adversely affected by declining auto sales.

The textile industry is relatively small, employing approximately 2,000 workers, and has remained fairly stable over the years. During the current recession, employment is slightly higher than it was during the 1975 recession. The industry, hard-hit by foreign competition, survived by using new, highly automated equipment and techniques, innovative product lines and the use of overtime rather than new hiring to save on the cost of training and personnel fringe benefits. Even during the current recession weekly hours worked in this industry in October 1982 averaged 47.2 compared to the 39.8 hours in all manufacturing.

Trends in the apparel industry show a gradual decline in employment over the decade from 3,600 in 1971 to 2,700 in 1981. Unlike the textile industry in the area, this industry is having difficulty in meeting foreign competition because it is not readily automated, making it labor intensive. Even though wages are low ($5.29 per hour vs. $7.81 in all manufacturing industries) foreign labor costs are much lower. In addition, the chief product in this area is women's and children's clothing which is particularly sensitive to consumer demand and rapidly changing fashion trends. Men's apparel is less sensitive.

Paper, once the largest industry in the area, is now the third ranking manufacturing industry in employment. As of October 1982, some 7,100 jobs were counted, a figure that compares with the 7,000 in October 1975 another recession period. However, employment figures mask the productivity increases brought about by automation and plant expansion. This industry's fortune depends upon many factors including the business cycle, unique quality products, foreign competition and even postal rates. But the long-term employment trend seems to be downward, gradually.

Due to inroads gained by various plastics packaging materials including styrofoam two Diamond International Corporation plants in Western Massachusetts, producers of speciality paper products such as materials and egg cartons, may be sold if a merger agreement is reached. Each plant has between 200 and 250 workers.

James River Graphics has recently unveiled its new $6.2 million facility designed to keep the firm competitive in the coated films and paper industry. In the last four years, this company has increased its employment 33 percent in the LMA.

Another Western Massachusetts company has joined the race to market an advanced"tamper-resistant" packaging product in the wake of the recent Tylenol poisonings. Ludlow Speciality Papers has produced billions of tamper proof packings for transporting lottery tickets without breaking a single number. The company is hoping that drug manufacturers will see their product as a solution to tampering with over-the-counter products. The company has announced a $3 million capital expansion program. Although no increases in employment are expected as a result of the expansion, the plant's current workforce will be maintained through market expansion.

The printing industry is one of the most stable industries in the area. In 1981 employment peaked at 6,200 - the highest level since 1970. The industry appeared to be recession resistant. However, during 1982 employment declined somewhat so than in October, 1982 the 5,900 payroll was 500 lower than the year-earlier figure.

Technological advances such as word processing machines, computer aided design equipment, and computer graphics may change the occupational mix of the industry and eventually lead to reduction in employment through attrition.

Like most other manufacturing industries, employment in the chemicals industry has receded during the past few years from 3,800 in 1979 to 3,600 in 1981. The full impact of the recession however is being felt during 1982 with employment reaching 3,100 in October down 500 from October 1981. Part of the reason for this decline are layoffs at Monsanto Chemicals, a manufacturer of plastic liners for windows used in homes and autos and other auto-related products. The company is also offering retirement incentives for salaried employees who are 55 and over and whose age plus years of service add up to 80 or more.

The construction industry trends over the decade reveal a dramatic decline from 8,200 in 1973 to 6,100 in 1981 after dipping to a low of 5,200 during 1976 and 1977. An interesting feature of the employment trends is that the 1975 recession showed up in construction employment during 1976 and 1977. During the current recession in 1980 and 1981 employment has remained stable while employment in other industries declined. However, in 1982 monthly payrolls are beginning to run lower than a year earlier.

Government-funded projects such as highways, buildings, home rehabilitation multi-unit housing projects and private plants expansion have caused employment to increase to 6,200 in 1979, but the effects of the recession, high cost of materials and money have not shown up in employment levels until 1982. If the past trends are an indicator, the impact of the current recession will show up in construction employment figures in 1983 and 1984.

Employment in transportation, communications and utilities has been very stable over the decade. Although employment dropped to its lowest point in the 1975 recession, it is going through this recession with only a slight dip (9,400 in 1979, 9,300 in 1981). The latest monthly figures in 1982 indicate a slight weakening as figures for October show an over-the-year drop of 500 (9,400 to 8,900).

The second largest employer in the area is the wholesale and retail trade industry. It provides 21 percent of all nonfarm jobs. Except for a slight dip in the 1975 recession, employment levels have increased steadily even through the current recession. During 1982 monthly figures are comparable to those of 1981 indicating stability rather than continued growth. Employment levels in this industry will not significantly drop unless the recession is prolonged.

Finance, insurance and real estate appears to be another recession-resistant industry. Employment levels have risen steadily over the decade (9,800 in 1970 to 13,400 in 1981) and are still rising during the current slowdown. The most up-to-date data in 1982 show continued employment growth through October. Within this sector, there may be a reduction in the number of establishments due to acquisitions and mergers.

In February 1982, the service industry surpassed wholesale and retail trade as the largest industry in the Springfield area. It now employs 21 percent of all nonfarm workers in the LMA. Some 17,000 workers were added to service payrolls since 1970. Five thousand of these workers were added during the current recession. The gains occurred in amusement and recreation, hospitals, and in the hotel business. Increases in employment are expected to continue in the near future but at a diminished rate.

In October 1982 government employment consisted of 5,600 (12 percent) federal workers, 17,000 (37 percent) state workers and 23,400 (51 percent) local government employees for a total of 46,000 jobs. The effects of Proposition 2½ passed in 1980, were felt in 1981 as employment dropped sharply from 48,600 in 1980 to 46,500 in 1981. Most of the loss occurred on state and local government levels. The October 1982 figure of 46,000 is more than 5,000 below the comparable level in October 1980.

Additional tables (Tables 53 to 56) are included in the Appendix because they are pertinent to the Springfield-Chicopee-Holyoke LMA. The data presented focus on 48 selected three-Digit SIC industries. Employment changes in these industries from 1977 to 1981 are delineated. Comparisons are made with statewide employment in these industries. In addition, employment by major occupations is given. Employment in these major occupational categories is given for each of the 48 industry subgroups.

For further detail on the analysis of employment trends and occupational profiles of these 48 industrial groups, refer to Springfield: Its Place in the Connecticut Valley, 1977-1981 published by the Job Market Research Service.

B. Pittsfield Labor Market Area

The economic fortunes of the Pittsfield LMA are closely tied to those of the General Electric Company, by far the largest employer in the area. The company suffered a major setback when the energy crisis reduced the demand for electric power transformers. The situation was further aggravated by the recent loss of a bid for a $350 million contract to a Swedish company to build two power converter stations in Utah and California. The project would have provided work for more than 500 Pittsfield employees for two years. In addition to the cutbacks in the power transformer department, G.E. has announced that it will stop producing the Genal Plastics compound in December, 1982 and layoff or transfer 100 workers. To counter these setbacks G.E. management is reorganizing plants and equipment to improve productivity by 25 percent in its transformer division and possibly layoff 500 workers within 18 months. A company spokesman announced that the alternative is a financial bath and possible elimination of all 3,200 jobs in the transformer division in Pittsfield

G.E. will have the opportunity to reduce the numbers of projected layoffs by sucessfully bidding for a multimillion-dollar power project that would bring lower-cost hydroelectric power from Quebec to New England. Winning the contract would mean an estimated 500 or more man-years of work in the power transformer department.

Other positive notes are that the Plastics Division of G.E. which is headquartered in Pittsfield is building s $20 million technical center with research and development facilities that will employ 20 persons to start and eventually up to 200. Some 200 workers will be involved in the construction of the building as well.

The Ordnance Division has maintained a steady level of employment and even appears to have prospered somewhat from recent defense contracts for weapons systems amounting to $115.1 million.

The second largest manufacturing employer, Sheaffer Eaton, and the third, A.H. Rice Company, has reduced their forces during the national recession. Together these three firms form a monopsony in Pittsfield. Other firms supply goods and services to these companies. In turn, their combined employees bank and purchase services and consumer goods within Pittsfield.

Another major employer in the Pittsfield LMA, Sprague Electric of North Adams, has paced down its operations. The ceramics section of the company is being relocated to the southwest part of the United States causing the loss of 75 jobs. A conglomerate of 22 firms located world wide, Sprague Electric has been forced by adverse economic conditions brought about by

fierce foreign competition in the manufacturing of electronic components to close down several plants in the U.S.A. and abroad and consolidate some of their product lines under one roof.for economy and efficiency. When a company spokesman was asked why the North Adams ceramics chip operation was consolidated in Texas with the loss of 75 local jobs the answer was that taxes are lower, energy cheaper, and better transportation is available there. The distance from North Adams to the Massachusetts Turnpike exit at Lee is 33 miles.

Both G.E. and Sprague Electric, and many other employers in the Pittsfield LMA as well, are using furloughs, reduced hours and temporary shutdowns as a way to keep layoffs at a minimum.

Another company in the process of consolidation is the Kimberly-Clark Corporation in Lee. The company's 40-man research and development department was moved to the corporation's 95-acre complex in Georgia. Nearly 30 hourly employees had been previously layed off for three months due to falling demand for cigarette tipping,tea bag and specialty paper products.

The Arnold Print Works, a manufacturer of prints material for apparel, uniforms and home decorations recently emerged from bankruptcy with the help of the Massachusetts Community Development Finance Corportation and loans of $250,000 and $150,000. The plant employed 400 persons.

Employment in the construction industry in the Pittsfield LMA has remained stable over the past two years with annual averages of 1,345 in 1980 and 1,407 in 1981. In 1982, employment has reached the 1,600 level. The prospects for future growth are favorable because of two shopping malls now being built. In North Adams, Hermitage Park will not only provide many construction jobs while being built but when completed, it will provide many jobs in trade and services and attract tourists to the area. The park will cost $7.1 million and will open in April 1983. A $3 million shopping park in the Lenox -Pittsfield area called Pyramid Mall will be ready in two years, perhaps November 1984.

Government, Chamber of Commerce and community development organizations are promoting the construction of new highways, city bypasses and road widenings as a means of improving the flow of traffic both commercial and commuting, in the area.

A new $20 million headquarters and research and development facility for G.E.'s plastic division to be built in Pittsfield will require approximately 200 construction workers.

Employment in Wholesale and Retail Trade in the Pittsfield LMA rose slightly from 11,975 in 1980 to 12,046 in 1981 and is remaining stable in 1982 despite the recession. This in part reflects the favorable effects of tourism in the area which was boosted by good weather.

The service industry was also aided by tourism. Employment in service industries grew from 10,381 in 1980 to 10,691 in 1981. It is expected to reach 12,000 in 1982. During the past five years, services payrolls have grown as tourism has grown. It should be noted that weather plays an important role in tourism employment. Indoor swimming pools and tennis courts and snow-making equipment have permitted extension of seasonal employment and reduced the economic damage of unfavorable weather conditions.

Table 17
Private Nonagricultural Wage and Salary Employment
Pittsfield LMA
1975 - 1982, Annual Averages (000's)

Industrial Group	1975	1976	1977	1978	1979	1980	1981	Projected 1982
Nonagricultural*	44.0	43.0	42.8	44.3	46.2	46.2	46.1	45.0
Manufacturing Total	20.3	19.0	18.0	18.7	18.4	18.1	17.7	17.2
Durable Goods - Total	14.6	12.9	12.1	12.1	12.1	12.1	11.6	11.5
Nonelectrical Machine	1.4	1.2	1.3	1.4	1.5	1.5	1.4	1.4
Electrical Machine	12.1	10.3	9.4	9.2	9.1	9.1	8.7	8.7
All Other Durable Goods	1.1	1.4	1.4	1.5	1.5	1.5	1.5	1.4
Nondurable Goods - Total	5.7	6.1	5.9	6.6	6.2	6.0	6.1	5.7
Textile Mill Products	1.0	1.1	1.0	1.1	0.9	1.0	1.2	1.1
Paper & Paper Products	2.1	2.5	2.5	2.7	2.3	2.3	2.3	2.2
Other Nondurable Goods	2.6	2.5	2.4	2.9	3.0	2.7	2.6	2.4
Nonmanufacturing Total	23.7	24.0	24.8	25.6	27.5	28.1	28.4	27.8
Contract Construction	1.5	1.3	1.2	1.4	1.3	1.3	1.4	1.2
Trans. Communication & Utilities	1.7	1.7	1.8	1.7	1.6	1.6	1.5	1.5
Wholesale & Retail Trade	9.7	9.8	10.4	10.6	12.2	12.0	12.0	11.8
Finance, Insurance & Real Estate	2.0	2.1	2.2	2.2	2.3	2.3	2.4	2.4
Services	8.8	9.1	9.2	9.7	10.1	10.9	11.1	10.9

* Excludes Government
Source: Division of Employment Security

Table 18
Total Insured Employment
Cities and Towns Within Springfield-Chicopee-Holyoke LMA
Calendar Year 1980

Cities and Towns	Totals	Agriculture	Mining	Construction	Manufacturing	Transp., Comm., Utilities	Wholesale & Retail Trade	Finance, Insurance, Real Estate	Services	Government
Agawam	6,528	66	0	164	2,262	229	1,555	89	1,280	883
Amherst	10,423	64	0	125	205	86	1,354	287	1,968	6,334
Belchertown	2,139	26	0	21	C	16	126	55	126	1,729
Brimfield	270	C	0	13	C	C	C	C	11	86
Chesterfield	83	0	0	C	C	C	28	C	C	42
Chicopee	17,302	84	C	427	6,925	406	3,920	426	2,216	2,823
Easthampton	4,483	18	0	149	2,551	80	566	107	464	488
East Longmeadow	6,932	29	C	255	4,167	216	900	187	619	552
Granby	549	C	0	43	C	C	106	C	66	293
Granville	191	C	0	C	122	0	C	0	9	24
Hadley	2,629	212	0	59	C	92	1,817	19	242	172
Hampden	455	C	0	62	8	C	100	10	115	125
Hatfield	630	179	0	36	161	C	99	C	16	132
Holyoke	23,656	17	0	892	8,673	346	4,960	862	4,805	3,101
Longmeadow	2,599	14	0	80	0	16	776	126	728	859
Ludlow	3,648	C	20	323	1,006	60	880	153	539	656
Munson	1,548	C	C	C	1,063	C	85	25	53	267
Montgomery	31	0	0	C	0	0	0	0	C	2
Northampton	14,526	36	C	301	1,928	552	3,000	417	4,575	3,704
Palmer	6,043	5	0	45	2,126	291	723	112	642	2,099
Pelham	85	0	0	C	C	0	0	0	0	73
Russell	536	C	0	0	496	0	26	0	C	12
South Hadley	4,570	C	0	160	1,759	94	731	142	C	618
Southampton	407	C	0	60	48	C	C	C	26	130
Southwick	1,115	105	C	28	104	32	381	C	52	306
Springfield	84,250	146	0	1,844	19,915	4,106	17,933	7,983	18,572	13,750
Wales	65	0	0	C	C	C	C	0	C	49
Warren	1,699	0	0	37	1,298	C	54	C	80	210
Westfield	15,999	195	C	276	7,279	357	3,087	462	2,087	2,190
Westhampton	73	C	0	C	0	0	C	C	C	44
West Springfield	13,933	36	0	521	3,093	1,440	4,457	770	2,583	1,033
Wilbraham	2,992	25	C	70	1,306	26	478	62	338	663
Williamsburg	572	C	0	C	105	94	89	6	65	192
Totals	230,901	1,400	120	6,070	66,800	8,640	48,530	12,300	43,400	43,641
LMA Wages	$12,600	$8,000	$19,700	$16,300	$15,500	$17,600	$12,800	$13,400	$10,100	$12,900

C - Confidential
Source: ES-202 Employment, Wages and Contributions Report

Table 19
Total Insured Employment
Municipalities Within Pittsfield Consortium and Pittsfield Job Matching Service Areas
Calendar Year 1980

CETA Totals Cities and Towns	Totals	Agriculture	Mining	Construction	Manufacturing	Transp. Comm. Utilities	Wholesale Retail Trade	Finance Insurance Real Estate	Services	Government
Adams	3,045	0	0	72	1,704	63	412	84	275	425
Alford	5	0	11	0	0	0	0	0	0	3
Becket	99	0	0	10	0	0	C	0	0	28
Cheshire	196	0	0	0	0	0	93	0	24	32
Clarksburg	124	0	0	34	0	0	12	0	C	53
Dalton	2,418	0	0	96	874	C	0	0	260	413
Egremont	209	0	0	0	C	0	67	0	0	8
Florida	63	0	0	0	0	0	0	0	0	61
Great Barrington	3,498	41	0	171	411	159	1,010	144	1,452	110
Hancock	66	0	0	0	0	0	8	0	0	28
Hinsdale	152	0	0	0	C	0	5	0	0	6
Lanesborough	284	0	0	0	19	0	93	0	13	62
Lee	2,643	0	0	79	1,268	0	574	68	277	246
Lenox	3,284	0	0	65	187	0	1,889	85	737	321
Monterey	75	0	0	0	0	0	0	0	0	8
Mount Washington	17	0	0	0	0	0	0	0	0	3
New Ashford	147	0	0	0	0	0	C	0	C	22
New Marlborough	220	0	0	2	0	0	0	0	151	29
North Adams	7,061	0	0	74	2,647	279	1,584	161	1,309	992
Otis	128	0	0	C	0	0	28	0	0	42
Peru	21	0	0	0	0	0	0	0	0	4
Pittsfield	27,521	39	0	625	10,691	910	5,504	1,808	5,142	2,802
Richmond	75	0	0	0	28	0	0	0	C	23
Sandisfield	124	0	0	0	8	0	43	0	0	21
Savoy	32	0	0	0	0	0	0	0	0	13
Sheffield	767	0	0	59	210	39	125	4	0	175
Stockbridge	963	0	0	25	0	0	178	15	418	310
Tyringham	24	0	0	0	0	0	C	0	0	7
Washington	66	0	0	0	0	0	0	0	0	3
West Stockbridge	306	0	0	22	30	13	80	0	0	27
Williamstown	3,105	46	0	60	567	23	724	71	1,330	368
Windsor	9	0	0	0	0	0	0	0	0	3
Totals - Consortium	56,746	241	85	1,568	18,730	1,658	13,173	2,464	12,179	6,648
Pittsfield LMA Wages	$13,200	$6,330	$19,900	$15,500	$18,100	$14,300	$8,200	$12,400	$9,980	$13,600

C - Confidential

Source: ES-202 Employment, Wages and Contributions Report

Table 20

Massachusetts Industrial Finance Agency
1981 Projects Approved for Industrial Revenue Bonds
Western Massachusetts

Company	*IDFA Location	LMA	Board Approval	Loan Total (in 000's)	Jobs Involved
F. A. Bassette Co.	Springfield	S-C-H 1/	01/08/81	$ 1,000	10
K & M Electronics	W. Springfield	S-C-H	01/08/81	1,795	197
Meehan and Company	Clarksburg	Pitts. 2/	01/08/81	280	9
Bookstore Building	Springfield	S-C-H	01/08/81	800	57
United Holyoke Corp.	Holyoke	S-C-H	01/08/81	360	11
United Holyoke Corp.			01/08/81	360	
United Holyoke Corp.			01/08/81	360	
American Pad & Paper Company	Holyoke	S-C-H	02/05/81	1,100	20
Richard H. Fullam	W. Springfield	S-C-H	02/05/81	700	1
Paul D. Cassanelli	W. Springfield	S-C-H	02/05/81	150	1
Country Curtains, Inc.	South Lee	Pitts.	02/05/81	1,700	20
Eastern Container Company	Springfield	S-C-H	02/05/81	745	3
Lightning Technologies, Inc.	Pittsfield	Pitts.	03/11/81	160	4
A. R. Sandri, Inc.	Greenfield	Grnfld. 3/	03/11/81	525	13
Pynchon Associates	Springfield	S-C-H	03/11/81	2,100	100
Third National Bank of Hampden County	W. Springfield	S-C-H	03/11/81	1,500	100
Robert Fibre Box, Inc.	Northampton	S-C-H	04/02/81	550	5
Pioneer Packaging, Inc.	Chicopee	S-C-H	04/02/81	300	5
Advance Manufacturing Company	Westfield	S-C-H	04/04/81	600	5
Deacon Machinery, Inc.	N. Adams	Pitts.	05/07/81	650	52
Peter Picknelly/ American Coach Works	Springfield	S-C-H	05/07/81	580	65
Shipton Development Company	Pittsfield	Pitts.	05/07/81	400	-
American Pad and Paper Company	Holyoke	S-C-H	05/07/81	400	*
Excelsior Process and Engraving, Inc.	N. Adams	Pitts.	05/07/81	350	10
Vogform Tool & Die Company	W. Springfield	S-C-H	05/07/81	300	5
Pond-Ekberg Co.	Chicopee	S-C-H	05/07/81	750	*
Excal Dryer Corp.	E. Longmeadow	S-C-H	05/07/81	250	10
Clarks Tire & Auto	W. Springfield	S-C-H	06/04/81	200	4

Table 20

Massachusetts Industrial Finance Agency
1981 Projects Approved for Industrial Revenue Bonds
Western Massachusetts
(continued)

Company	*IDFA Location	LMA	Board Approval	Loan Total (in 000's)	Jobs Involved
Edaron Incorporated	Holyoke	S-C-H	06/04/81	$ 450	15
Work Opportunity Center, Inc.	W. Springfield	S-C-H	06/04/81	245	8
S. S. Pennock Company	W. Springfield	S-C-H	06/04/81	300	3
Artted Land Company	Springfield	S-C-H	06/04/81	1,000	20
Albert Steiger, Inc.	Springfield	S-C-H	06/04/81	1,500	50
Jen-Coat, Inc.	Westfield	S-C-H	06/04/81	1,850	15
Autoparts Wholesalers, Inc.	Pittsfield	Pitts.	07/02/81	150	8
Coca-Cola Bottling Company	Greenfield	Grnfld	07/02/81	400	15
Coca-Cola Bottling Company	Pittsfield	Pitts.	07/02/81	400	3
Shatz, Schwartz & Fentin	Springfield	S-C-H	07/02/81	250	3
Western Mass. Tobacco & Candy Co.	W. Springfield	S-C-H	08/06/81	240	6
State Line Snacks Corp.	Wilbraham	S-C-H	08/06/81	1,100	34
J. C. Tarbell Assoc., Inc.	E. Longmeadow	S-C-H	08/06/81	350	15
Agway, Inc.	Bernardston	Grnfld	08/06/81	2,000	11
Jay-Lee Food Distributors, Inc.	Springfield	S-C-H	08/06/81	225	2
Master Industries, Inc.	Holyoke	S-C-H	08/06/81	500	40
Laminated Papers, Inc.	Holyoke	S-C-H	08/06/81	1,500	14
Mid Atlantic Canners	Northampton	S-C-H	08/06/81	3,800	53
Brimfield Precision, Inc.	Brimfield	S-C-H	09/03/81	460	32
Crane & Company, Inc.	Pittsfield	Pitts.	09/03/81	1,300	5
Lundy Food Purveyors, Inc.	N. Adams	Pitts.	09/03/81	250	10
New England Smelting Works, Inc	W. Springfield	S-C-H	09/03/81	300	5
Seconds Realty	Pittsfield	Pitts.	09/03/81	400	150
Sealed Air Corp.	Holyoke	S-C-H	09/03/81	2,800	10
Lazarcomb America, Inc.	Palmer	S-C-H	10/01/81	697	13
Cicoco Construction Corp.	Springfield	S-C-H	10/01/81	450	4
Excelsior Printing Company	N. Adams	Pitts.	10/01/81	480	*
North Adams Assoc.	N. Adams	Pitts.	10/01/81	4,000	150
Roper & Broderick, Inc.	Chicopee	S-C-H	10/01/81	350	16

Table 20
Massachusetts Industrial Finance Agency
1981 Projects Approved for Industrial Revenue Bonds
Western Massachusetts
(continued)

Company	*IDFA Location	LMA	Board Approval	Loan Total (in 000's)	Jobs Involved
N. E. Business Service, Inc.	Groton	B.O.S. 4/	10/15/81	$ 5,000	500
Moore Company, Inc.	Springfield	S-C-H	10/15/81	10,000	150
James Hunter Machine Company	N. Adams	Pitts.	10/22/81	480	18
The Northampton Hotel	Northampton	S-C-H	10/22/81	1,000	135
Tervakoski, U.S.A., Inc.	Lenox	Pitts.	10/22/81	2,725	20
Jenifer House Ltd., Inc.	Great Barrington	G.B. 5/	10/22/81	400	25
Wang Laboratories	Holyoke	S-C-H	10/22/81	10,000	800
Nucom, Inc.	Great Barrington	G.B.	10/22/81	212	28
Cooley, Shrair, Alpert & Labovitz	Springfield	S-C-H	11/05/81	275	15
Hammermill Paper Co.	Westfield	S-C-H	11/05/81	5,000	142
Ski America Enterprises, Inc.	Pittsfield	Pitts.	11/05/81	200	18
Kittredge Equipment Co.	Springfield	S-C-H	11/05/81	350	10
Tectrol Associates, Inc.	W. Springfield	S-C-H	12/03/81	200	10
Country Curtains, Inc.	South Lee	Pitts.	12/03/81	370	20
Holyoke Water Power Co.	Holyoke	S-C-H	12/08/81	12,000	-
Beloit Corporation	Pittsfield	Pitts.	12/08/81	1,000	18
Lenox Machine Co.	Lenox	Pitts.	12/08/81	2,040	20
Consolidated Freight	Chicopee	S-C-H	12/29/81	2,800	100
Totals - Western Massachusetts			75	$100,664	3,346

Source: Massachusetts Industrial Finance Agency

* These projects have job retention

1/ S-C-H = Springfield, Chicopee, Holyoke
2/ Pitts. = Pittsfield
3/ Grnfld. = Greenfield
4/ B.O.S. = Balance of State LMA
5/ G.B. = Great Barrington

Table 21

Massachusetts Industrial Finance Agency
1981 Projects Approved for Guaranty Committments
Western Massachusetts

Company	Location	IMA	Board Approval	Loan Total	Project Cost	Jobs Involved
Arrow Alloys, Inc.	W. Springfield	S-C-H 1/	10/06/77	$ 400,000	$ 403,000	4
Millers Falls/DEDIC	Deerfield	Grnfld. 2/	02/02/78 06/09/78	177,000	869,000	200
Nielson Moulding Design Corp.	W. Groton	B.O.S. 3/	09/19/78	525,000	663,000	120
Springfields Bakery	Springfield	S-C-H	09/19/78	225,000 225,000	350,000 280,000	114
Berkshire Tanning Corp.	N. Adams	Pitts. 4/	12/07/78	125,000	1,800,000	90
Van Norman Machine	Springfield	S-C-H	01/30/80	880,000	1,101,600	30
Elwell Iron Works	Springfield	S-C-H	10/02/80	325,000	458,000	6
Techmet/Scharr Industries	Springfield	S-C-H	06/04/81	625,000 408,000	1,215,000	124
Totals Western Massachusetts			8	$3,915,000	$7,139,600	688

Source: Massachusetts Industrial Finance Agency

1/ S-C-H = Springfield-Chicopee-Holyoke IMA
2/ Grnfld. = Greenfield IMA
3/ B-O-S = Balance of State IMA
4/ Pitts. = Pittsfield IMA

IV. Employment Developments and Outlook by Occupation

A. Analysis of Occupational Data

The Division of Employment Security compiles applicant data by means of the Employment Service Automated Reporting System (ESARS). The system provides data statewide, as well as by labor market area and local Employment Security offices. In this report, we will examine ESARS data from the Springfield-Chicopee-Holyoke LMA and the Pittsfield LMA.

ESARS contains data on applicant characteristics such as age, sex, education, race and ethnic group. It also lists job orders by occupational category, wage and number of openings. Tables also list employment office functions such as placement, counseling, testing and other services.

Tables22 and 23 are derived from the March 1982 ESARS Table 96 for the Springfield-Chicopee-Holyoke and Pittsfield LMAs. Those occupations that have more unfilled openings than applicants may be considered high demand occupations. Many of these positions may remain unfilled because of poor working conditions including low pay and distance of travel. Others are unfilled because there is a lack of qualified applicants. The tables also give the ratio of the total number of active applicants to unfilled job openings. This ratio may be used as an indicator of applicant surplus. For example, this ratio for Pittsfield LMA in March 1982 was 3,738 active applicants to 358 unfilled openings or a ratio of 11 to 1. As a rough rule of thumb, all occupations with a 12 to 1 or higher ratio may be considered an applicant surplus occupation.

Another source of occupational information for the state and major labor market areas is the Job Bank, a computerized system of job openings posted with the Division of Employment Security. The tables include job openings by occupational category, industry, and average pay.

Tables 25 and26 are summary tables of openings available by major occupational groups for the Springfield-Chicopee-Holyoke LMA and the Pittsfield LMA's. Provided in these tables is information on average pay for these occupations and the number of unfilled openings. A comparison of the number of openings available and the number of openings unfilled gives us an indication of the strength of the demand for that occupation. Of special value in the analysis of demand is the number of jobs unfilled for 30 days or more. All data is compared with a month earlier figures.

Tables 27 and28 provide the same information as Tables 25 and26 but in much more occupational detail. Tables29 and30 analyze job openings for the two labor market areas by industry in which the openings occur.

Table 22
Ratio of Applicants to Job Openings
Selected Occupations
Springfield-Chicopee-Holyoke LMA
March 1982

Occupational Code and Name	Total Applicants Fiscal Year to Date	Total Active Applicants	Unfilled Job Openings	Ratio of Active Applicants to Unfilled Job Openings
0-1 Professional, Technical and Managerial	4552	2129	441	5:1
General Duty Nurse	34	25	82	3:1
Lic. Practical Nurse	61	45	107	4:1
Retail Store Manager	236	125	0	125/0
2 Clerical & Sales Occup.	7226	3673	305	12:1
Secretary	392	206	14	15:1
Clerk-Typist	389	185	19	10:1
General Clerk	775	407	8	51:1
Audit Clerk	183	98	7	14:1
Cashier, Accounting	219	126	4	32:1
Teller	100	41	48	1:1
Cashier, General	244	90	4	23:1
Adm. Clerk	377	210	11	19:1
Receptionist	167	92	4	23:1
Insurance Sales Agent	21	11	35	3:1
Gen. Mise. Sales Person	194	97	5	19:1
Coupon Redemption Clerk	324	120	14	9:1
3 Service Occupations	6615	3840	481	8:1
Gen. Hse. Worker	367	299	3	100:1
Counter Attendant	167	76	57	1:1
Waiter/Waitress	501	317	38	8:1
Cook	188	65	20	3:1
Kitchen Helper	486	200	13	15:1
Occ. Therapy Aide	128	48	160	3:1
Nurse Aide	673	441	26	17:1
Janitor	364	164	14	12:1
4 Farming,Fishery,&Related Work	785	429	1	429:1
Farm Worker	259	131	0	131/0
5 Processing Occupations	758	416	27	15:1
6 Machine Trades Occupations	155	82	2	41:1
Auto Mechanic	196	98	7	14:1

Table 22
Ratio of Applicants to Job Openings
Selected Occupations
Springfield-Chicopee-Holyoke LMA
March 1982
(continued)

Occupational Code and Name	Total Applicants Fiscal Year to Date	Total Active Applicants	Unfilled Job Openings	Ratio of Active Applicants to Unfilled Job Openings
7 Benchwork Occupations	2398	1373	43	32:1
Electronics Assembler	243	120	4	30:1
Sewing Machine Operators	167	109	3	36:1
8 Structural Work Occupations	2424	1281	39	33:1
Carpenter	186	109	0	109/0
Construction Worker	296	160	3	53:1
Building Maint. Repr.	213	111	3	37:1
9 Miscellaneous Occupations	4679	2485	159	16:1
Tractor-Trailer Truck Driv.	217	121	4	30:1
Heavy Truck Driver	287	150	3	50:1
Light Truck Driver	183	95	0	95/0
Hand Packager	685	407	3	136:1
Material Handler	1740	881	13	68:1
TOTAL	34561	18936	1547	12:1

Source: ESARS Table 96

Table 23
Characteristics of Applicants Registered
At Job Matching Service Center
By Occupation
Pittsfield Labor Market Area
March 1982

DOT Code	Occupational Group and Title	Total Applicants Fiscal Year	Total Active Applicants	Unfilled Job Openings	Ratio of Active Applicants to Unfilled Job Openings
0-1	Professional, Managerial and Technical	1216	431	15	29/1
	Guidance Counselor	45	14	1	14/1
	Secondary School Teacher	116	25	0	25/0
	Elementary School Teacher	83	21	0	21/0
	Administrative Assistant	46	10	0	10/0
	Retail Store Manager	41	24	0	24/0
	Food Service Manager	27	15	1	15/1
2	Clerical & Sales	1618	732	164	5/1
	Secretary	141	50	3	17/1
	Clerk-Typist	64	23	2	12/1
	General Clerk	172	80	1	80/1
	Bookkeeper	79	31	0	31/0
	Cashier	52	26	0	26/0
	Administrative Clerk	108	51	1	51/1
	Shipping & Receiving Clerk	27	12	0	12/0
	Receptionist	42	15	0	15/0
	General Merchandise Sales Person	50	27	0	27/0
	Sales Clerk	113	52	0	52/0
3	Services	1649	820	38	22/0
	General House Worker	25	11	0	11/0
	Counter Attendant	23	36	0	36/0
	Waiter & Waitress	165	93	5	19/1
	Bartender	48	21	1	21/1
	Cook	63	30	1	30/1
	Short Order Cook	36	13	1	13/1
	Kitchen Helper	124	58	3	19/1
	Housekeeping Cleaner	33	16	0	16/0
	Nurse Aide	131	73	2	37/1

Table 23
Characteristics of Applicants Registered
At Job Matching Service Center
By Occupation
Pittsfield Labor Market Area
March 1982
(continued)

DOT Code	Occupational Group and Title	Total Applicants Fiscal Year	Total Active Applicants	Unfilled Job Openings	Ratio of Active Applicants to Unfilled Job Openings
3	Child Institutional Attendant	25	13	0	13/0
	Janitor	124	65	6	11/1
4	Agricultural, Forestry & Related Occupations	194	97	3	32/1
	Forester Aide	11	10	0	10/0
5	Processing	169	89	0	89/0
	Paper Machine Back Tender	16	11	0	11/0
6	Machine Trades Occupations	662	327	4	82/1
	Machinist	34	13	0	13/0
	Automotive Mechanic	69	33	0	33/0
7	Benchwork/Occupations	439	206	35	6/1
8	Structural Work Occupations	902	461	7	66/1
	Auto Body Repairman	19	12	0	12/0
	Painter	37	25	0	25/0
	Operating Engineer	27	16	0	16/0
	Carpenter	77	46	0	46/0
	Construction Labor	17	11	0	11/0
	Roofer	35	29	0	29/0
	Construction Worker	125	55	1	55/1
	Building Maintenance Repairer	101	53	0	53/0

Table 23
Characteristics of Applicants Registered
At Job Matching Service Center
By Occupation
Pittsfield Labor Market Area
March 1982
(continued)

DOT Code	Occupational Group and Title	Total Applicants Fiscal Year	Total Active Applicants	Unfilled Job Openings	Ratio of Active Applicants to Unfilled Job Openings
9	Miscellaneous Occupations	1040	468	92	5/1
	Tractor Trailer Truck Driver	40	23	0	23/0
	Heavy Truck Driver	86	43	0	43/0
	Light Truck Driver	57	22	0	22/0
	Bus Driver	34	18	0	18/0
	Hand Packager	37	21	0	21/0
	TOTAL	8027	3738	358	11/1

SOURCE: ESARS, Table 96, March 1982

Table 24

Characteristics of Applicants Registered at
Job Matching Service Centers by Occupational Category
Western Region, March 1982

Local Office	Professional Technical Managerial	Clerical	Sales	Service	Agr. Fish. Forest.	Process.	Machine	Bench-Work	Structural	Miscell.
Northampton	434	212	65	272	55	28	117	50	147	140
Greenfield	216	154	54	158	50	22	133	46	249	151
North Adams	130	178	64	170	22	25	88	78	145	166
Pittsfield	223	200	64	242	43	48	152	43	189	168
Springfield	618	709	188	568	59	85	427	285	367	544
Ware	60	69	5	41	6	15	45	18	43	77
Holyoke	177	223	68	158	45	41	200	110	106	150

Source: ESARS Table 96, March 1982

Table 25

-ES JOB BANK OPENINGS IN REPORTING DISTRICTS
BY OCCUPATIONAL CATEGORY
SPNG/CHC/HOLY MASSACHUSETTS
FEB 1982

OCCUPATIONAL CATEGORY	OPENINGS AVAILABLE				OPENINGS UNFILLED AT MONTH END			
	NUMBER		AVERAGE PAY		TOTAL		UNFILLED 30 DAYS OR MORE	
	CURRENT	LAST MONTH	CURRENT	LAST MONTH	CURRENT	LAST MONTH	CURRENT	LAST MONTH
TOTAL, ALL OCCUPATIONS	434	442	$ 10,519/YR	$ 10,417/YR	383	400	241	166
PROFESSIONAL, TECHNICAL, AND MANAGERIAL	110	101	14,178/YR	14,437/YR	105	98	59	53
CLERICAL AND SALES	191	176	8,050/YR	8,024/YR	170	167	122	50
SERVICE	31	49	4.48/HR	4.46/HR	23	40	18	18
FARMING, FISHERY, FORESTRY, AND RELATED	7	2	4.20/HR	5.45/HR	1	2	INA	1
PROCESSING	10	11	4.41/HR	4.33/HR	6	8	3	4
MACHINE TRADES	22	40	5.80/HR	5.49/HR	21	32	10	22
BENCH WORK	23	20	4.32/HR	4.21/HR	21	19	11	4
STRUCTURAL WORK	26	22	6.44/HR	7.00/HR	23	18	14	7
MISCELLANEOUS	14	21	6.93/HR	4.69/HR	13	16	4	7

Table 26

-ES JOB BANK OPENINGS IN REPORTING DISTRICTS
BY OCCUPATIONAL CATEGORY
PITTSFIELD MASSACHUSETTS
MAR 1982

OCCUPATIONAL CATEGORY	OPENINGS AVAILABLE				OPENINGS UNFILLED AT MONTH END			
	NUMBER		AVERAGE PAY		TOTAL		UNFILLED 30 DAYS OR MORE	
	CURRENT	LAST MONTH	CURRENT	LAST MONTH	CURRENT	LAST MONTH	CURRENT	LAST MONTH
TOTAL, ALL OCCUPATIONS	92	67	$ 8,881/YR	$ 9,351/YR	70	55	36	36
PROFESSIONAL, TECHNICAL, AND MANAGERIAL	11	13	15,466/YR	16,467/YR	11	13	7	4
CLERICAL AND SALES	9	8	8,073/YR	8,126/YR	9	7	1	2
SERVICE	14	6	4.02/HR	3.53/HR	13	5	5	3
FARMING, FISHERY, FORESTRY, AND RELATED	3	INA	3.58/HR	INA	3	INA	INA	INA
PROCESSING	INA	1	INA	5.00/HR	INA	1	INA	1
MACHINE TRADES	4	1	5.25/HR	4.00/HR	4	1	1	INA
BENCH WORK	42	30	3.50/HR	3.37/HR	22	24	18	24
STRUCTURAL WORK	6	3	4.67/HR	5.00/HR	6	3	3	2
MISCELLANEOUS	3	5	4.37/HR	4.18/HR	2	1	1	INA

Table 27

--TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
SPNG/CHC/HOLY MASSACHUSETTS
FEB 1982

JOB TITLE	OPENINGS AVAILABLE		OPENINGS UNFILLED		OPENINGS UNFILLED 30 DAYS	
	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY
TOTAL, ALL OCCUPATIONS	434	$ 10,519	383	$ 10,765	241	$ 10,371
0 & 1 PROFESSIONAL, TECHNICAL, AND MANAGERIAL	110	14,178	105	14,447	59	14,477
003 ELECTRICAL AND ELECTRONICS ENGINEERING	5	20,876	5	20,876	3	17,127
007 MECHANICAL ENGINEERING	8	17,550	8	17,550	6	17,333
01 ARCHITECTURE AND ENGINEERING	12	16,603	12	16,603	6	17,555
012 INDUSTRIAL ENGINEERING	10	16,779	10	16,779	5	18,476
017 DRAFTING AND RELATED WORK	1	12,948	1	12,948	1	12,948
019 ARCHITECTURE AND ENGINEERING, N.E.C.	1	18,500	1	18,500	0	0
02 MATHEMATICS AND PHYSICAL SCIENCES	5	15,508	5	15,508	1	14,955
020 MATHEMATICS	4	16,386	4	16,386	1	14,955
029 MATHEMATICS & PHYSICAL SCIENCES, N.E.C.	1	12,000	1	12,000	0	0
04 LIFE SCIENCES	3	11,667	3	11,667	1	12,000
045 PSYCHOLOGY	3	11,667	3	11,667	1	12,000
07 MEDICINE AND HEALTH	7	11,869	6	11,902	4	12,861
075 REGISTERED NURSES	2	11,669	1	11,668	1	11,668
079 MEDICINE AND HEALTH, N.E.C	5	11,949	5	11,949	3	13,259
09 EDUCATION	10	13,918	10	13,918	6	13,836
090 COLLEGE AND UNIVERSITY EDUCATION	5	16,860	5	16,860	3	17,667
092 PRIMARY SCHOOL AND KINDERGARTEN EDUC.	3	9,627	3	9,627	2	9,508
097 VOCATIONAL EDUCATION N.E.C.	1	11,000	1	11,000	1	11,000
099 EDUCATION, N.E.C.	1	15,000	1	15,000	0	0
10 MUSEUM, LIBRARY AND ARCHIVAL SCIENCES	1	9,400	1	9,400	0	0

Table 27

TABLE 2--TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
SPNG/CHC/HOLY MASSACHUSETTS
FEB 1982

JOB TITLE	OPENINGS AVAILABLE		OPENINGS UNFILLED		OPENINGS UNFILLED 30 DAYS	
	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY
100 LIBRARIANS	1	$ 9,400	1	$ 9,400	0	$ 0
11 LAW AND JURISPRUDENCE	5	9,261	5	9,261	5	9,261
110 LAWYERS	2	12,700	2	12,700	2	12,700
119 LAW AND JURIS-PRUDENCE, N.E.C.	3	6,968	3	6,968	3	6,968
13 WRITING	1	11,700	1	11,700	1	11,700
131 WRITERS	1	11,700	1	11,700	1	11,700
15 ENTERTAINMENT AND RECREATION	1	10,400	1	10,400	1	10,400
159 ENTERTAINMENT AND RECREATION, N.E.C.	1	10,400	1	10,400	1	10,400
16 ADMINISTRATIVE SPECIALIZATIONS	12	17,458	12	17,458	5	19,759
160 ACCOUNTANTS AND AUDITORS	6	17,338	6	17,338	3	17,931
161 BUDGET AND MANAGEMENT ANALYSIS	1	20,000	1	20,000	1	20,000
162 PURCHASING MANAGEMENT	1	17,000	1	17,000	0	0
163 SALES AND DISTRIB. MANAGEMENT	1	25,000	1	25,000	1	25,000
166 PERSONNEL AND TRAINING ADMINIS.	1	13,000	1	13,000	0	0
169 ADMINISTRATIVE SPECIALTIES, N.E.C.	2	13,010	2	13,010	0	0
18 MANAGERS AND OFFICIALS, N.E.C.	23	14,045	23	14,045	17	13,705
183 MANUFACTURING IND. MANAGEMENT	1	15,000	1	15,000	1	15,000
184 TRANS., COMM., AND UTILITIES MANAG.	1	20,800	1	20,800	1	20,800
185 WHOLESALE AND RETAIL TRADE MANAGEMENT	1	9,360	1	9,360	0	0
186 FINANCE, INS., AND REAL ESTATE MANAG.	3	20,333	3	20,333	2	15,000
187 SERVICE INDUSTRY MANAGEMENT	10	12,759	10	12,759	7	12,317
188 PUBLIC ADMINIS. MANAGEMENT	1	35,000	1	35,000	1	35,000

Table 27

TABLE 2--TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
SPNG/CHC/HOLY MASSACHUSETTS
FEB 1982

JOB TITLE	OPENINGS AVAILABLE		OPENINGS UNFILLED		OPENINGS UNFILLED 30 DAYS	
	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY
189 MISC. MANGERS AND OFFICIALS N.E.C.	6	$ 9,048	6	$ 9,048	5	$ 9,194
19 MISC. PROFESSIONAL, TECHNICAL MANAGERIAL	17	10,218	13	10,961	3	10,608
191 AGENTS AND APPRAISERS, N.E.C.	7	8,375	3	9,142	1	11,825
195 SOCIAL AND WELFARE WORK	10	11,507	10	11,507	2	10,000
2 CLERICAL AND SALES	191	8,050	170	8,087	122	7,700
20 STENOGRAPHY, TYPING, FILING, AND RELATED	36	8,898	33	8,999	16	9,253
201 SECRETARIES	10	9,422	10	9,422	5	10,078
202 STENOGRAPHERS	1	9,620	1	9,620	0	0
203 TYPISTS & TYPEWRITING MACHINE OPERATORS	13	8,948	11	9,085	4	8,763
206 FILE CLERKS	4	8,086	3	8,459	3	8,459
207 DUPLICATING-MACHINE OPERATORS & TENDERS	1	8,320	1	8,320	1	8,320
209 STENOGRAPHY,TYPING FILING & REL WRK NEC	7	8,498	7	8,498	3	9,636
21 COMPUTING AND ACCOUNT-RECORDING	73	7,435	66	7,405	53	7,240
210 BOOKKEEPERS & BOOK-KEEPING MACHINE OPS.	4	7,566	3	7,731	2	8,060
211 CASHIERS AND TELLERS	48	7,123	45	7,112	44	7,103
213 ELCTRNC/ELECTROMECHANICAL DATA PROCESSOR	2	7,280	2	7,280	0	0
214 BILLING AND RATE CLERKS	2	7,488	2	7,488	0	0
215 PAYROLL,TIMEKEEPING & DUTY ROSTER-CLERKS	2	8,814	2	8,814	1	7,643
216 ACCOUNTING AND STATISTICAL CLERKS	8	8,204	8	8,204	2	7,384
217 ACCOUNT-RECORDING-MACH. OPERATORS, NEC	1	6,968	1	6,968	1	6,968
219 COMPUTING AND ACCOUNT RECORDING	6	8,476	3	8,563	3	8,563
22 PRODUCTION AND STOCK CLERKS	29	7,036	28	7,039	28	7,039

Table 27

--TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
SPNG/CHC/HOLY MASSACHUSETTS
FEB 1982

JOB TITLE	OPENINGS AVAILABLE TOTAL	OPENINGS AVAILABLE AVERAGE PAY	OPENINGS UNFILLED TOTAL	OPENINGS UNFILLED AVERAGE PAY	OPENINGS UNFILLED 30 DAYS TOTAL	OPENINGS UNFILLED 30 DAYS AVERAGE PAY
222 SHIPPING, RECEIVING, AND STOCK CLERKS	29	$ 7,036	28	$ 7,039	28	$ 7,039
23 INFORMATION AND MESSAGE DISTRIBUTION	1	7,176	1	7,176	0	0
230 HAND DELIVERY AND DISTRIBUTION	1	7,176	1	7,176	0	0
24 MISCELLANEOUS CLERICAL	1	9,877	1	9,877	0	0
243 GOVERNMENT SERVICE CLERKS, N.E.C.	1	9,877	1	9,877	0	0
25 SALES OCCUPATIONS, SERVICES	13	12,031	12	12,167	3	13,200
250 SALES OCCS., REAL ESTATE & INSURANCE	11	12,327	11	12,327	3	15,200
251 SALES OCCS.,BUSINESS & FINANCIAL SERVICES	2	10,400	1	10,400	0	0
26 SALESPERSON, CONSUMABLE COMMODITIES	1	11,800	0	0	0	0
261 SALESWORK,TEXTILE PROD,APPAREL & NOTIONS	1	11,800	0	0	0	0
27 SALESPERSONS, COMMODITIES, N.E.C.	7	8,266	6	8,396	2	7,644
273 SALESWORK,TRANSPORT. EQUIP.PARTS & SUPP.	2	7,800	2	7,800	0	0
274 SALESWORK,INDUSTRIAL EQUIP. & SUPPLIES	1	12,000	1	12,000	0	0
279 SALES OCCS., MISC. COMMODITIES, N.E.C.	4	7,566	3	7,592	2	7,644
29 MISCELLANEOUS SALES OCCUPATIONS	30	7,579	23	7,765	20	7,786
290 SALES CLERKS	26	7,020	19	7,039	18	6,968
299 MISC.SALES OCCUPATIONS, N.E.C.	4	11,215	4	11,215	2	15,150
3 SERVICE	31	4.48	23	4.75	18	5.09
30 DOMESTIC SERVICE	2	3.45	2	3.45	1	3.35
301 HOUSEHOLD AND RELATED WORK	1	3.55	1	3.55	0	0

Table 27

--TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
SPNG/CHC/HOLY MASSACHUSETTS
FEB 1982

JOB TITLE	OPENINGS AVAILABLE TOTAL	OPENINGS AVAILABLE AVERAGE PAY	OPENINGS UNFILLED TOTAL	OPENINGS UNFILLED AVERAGE PAY	OPENINGS UNFILLED 30 DAYS TOTAL	OPENINGS UNFILLED 30 DAYS AVERAGE PAY
309 DOMESTIC SERVICE OCCUPATIONS, N.E.C.	1	$ 3.35	1	$ 3.35	1	$ 3.35
31 FOOD & BEVERAGE PREP ARATION & SVC. OCCS.	8	3.86	5	3.93	5	3.93
311 WAITERS/WAITRESSES	5	3.35	4	3.35	4	3.35
313 CHEFS AND COOKS, HOTELS & RESTAURANTS	3	5.13	1	6.25	1	6.25
32 LODGING AND RELATED SERVICE OCCUPATIONS	3	3.45	1	3.35	0	0
321 HOUSEKEEPERS,HOTELS AND INSTITUTIONS	3	3.45	1	3.35	0	0
35 MISC. PERSONAL SERVICE OCCUPATIONS	3	3.35	1	3.35	0	0
353 GUIDES	1	3.35	1	3.35	0	0
355 ATTEN.WORK,HOSPITALS MORG.AND REL.HEALT.S	2	3.35	0	0	0	0
37 PROTECTIVE SERVICE OCCUPATIONS	13	5.54	13	5.54	12	5.72
373 FIRE FIGHTERS, FIRE DEPARTMENTS	9	5.52	9	5.52	9	5.52
375 POLICE OFFICERS & DE TECTIVES, PUB. SVC.	3	6.33	3	6.33	3	6.33
376 POLICE AND RELATED WORK,EXC.IN PUB.SERV		3.35	1	3.35	0	0
38 BUILDING AND RELATED SERVICE OCCUPATIONS	2	4.00	1	4.00	0	0
382 JANITORS	2	4.00	1	4.00	0	0
4 FARMING, FISHERY, FORESTRY, AND RELATED	7	4.20	1	4.80	0	0
40 PLANT FARMING OCCUPA TIONS	1	4.80	1	4.80	0	0
406 GARDENING AND GROUND SKEEPING OCCUPATIONS	1	4.80	1	4.80	0	0
41 ANIMAL FARMING OCCUPATIONS	2	3.90	0	0	0	0
410 DOMESTIC ANIMAL FARM ING OCCUPATIONS	2	3.90	0	0	0	0

Table 27

--TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
SPNG/CHC/HOLY MASSACHUSETTS
FEB 1982

	JOB TITLE	OPENINGS AVAILABLE TOTAL	OPENINGS AVAILABLE AVERAGE PAY	OPENINGS UNFILLED TOTAL	OPENINGS UNFILLED AVERAGE PAY	OPENINGS UNFILLED 30 DAYS TOTAL	OPENINGS UNFILLED 30 DAYS AVERAGE PAY
	45 FORESTRY OCCUPATIONS	4	$ 0	0	$ 0	0	$ 0
	452 FOREST CONSERVATION OCCUPATIONS	4	0	0	0	0	0
5	PROCESSING	10	4.41	6	4.94	3	6.02
	52 PROC. FOOD, TOBACCO, AND RELATED PRODUCTS	2	3.35	0	0	0	0
	529 TOBACCO/FOOD PROCESSING & REL PROD NEC	2	3.35	0	0	0	0
	53 PROCESSING OF PAPER AND RELATED MATERIAL	2	6.53	2	6.53	2	6.53
	534 CALENDERING, SIZING, COATING, AND REL.WORK	2	6.53	2	6.53	2	6.53
	55 CHEM,PLASTICS,SYNTH, RUBBER,PAINT PROCESS	6	4.05	4	4.15	1	5.00
	556 CASTING AND MOLDING OCCUPATIONS, N.E.C.	1	5.00	1	5.00	1	5.00
	557 EXTRUDING	5	3.86	3	3.86	0	0
6	MACHINE TRADES	22	5.80	21	5.84	10	5.78
	60 METAL MACHINING OCCUPATIONS	5	7.56	5	7.56	4	6.95
	600 MACHINISTS AND RELATED OCCUPATIONS	2	6.95	2	6.95	2	6.95
	601 TOOLMAKING AND RELATED WORK	2	8.25	2	8.25	1	6.50
	603 ABRADING	1	7.41	1	7.41	1	7.41
	62 MECHANICS AND MACHINERY REPAIRERS	5	5.40	4	5.50	3	5.00
	620 MTR. VEHICLE & ENGINEER. EQUIP.MECHANICS	4	5.25	3	5.33	2	4.50
	625 ENGINE,POWER TRANS., AND REL.MECHANICS	1	6.00	1	6.00	1	6.00
	63 MECHANICS AND MACHINERY REPAIRERS	4	6.50	4	6.50	1	5.00
	633 BUSINESS AND COMMER. MACHINE REPAIRERS	1	5.00	1	5.00	1	5.00
	638 MISC.MACHINE INSTALLATION & REPAIR OCCS.	3	7.00	3	7.00	0	0

Table 27

--TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
SPNG/CHC/HOLY MASSACHUSETTS
FEB 1982

JOB TITLE	OPENINGS AVAILABLE TOTAL	OPENINGS AVAILABLE AVERAGE PAY	OPENINGS UNFILLED TOTAL	OPENINGS UNFILLED AVERAGE PAY	OPENINGS UNFILLED 30 DAYS TOTAL	OPENINGS UNFILLED 30 DAYS AVERAGE PAY
65 PRINTING OCCUPATIONS	6	$ 4.71	6	$ 4.71	2	$ 5.00
650 TYPESETTING AND COMPOSING	2	4.75	2	4.75	0	0
651 PRINTING PRESS WORK	2	5.13	2	5.13	1	5.50
652 PRINTING MACHINE WORK	1	4.00	1	4.00	0	0
659 PRINTING OCCUPATIONS N.E.C.	1	4.50	1	4.50	1	4.50
68 TEXTILE OCCUPATIONS	1	3.75	1	3.75	0	0
685 KNITTING OCCUPATIONS EXCEPT HOSIERY	1	3.75	1	3.75	0	0
69 MACHINE TRADES OCCUPATIONS, N.E.C.	1	4.75	1	4.75	0	0
699 MISC. MACHINE WORK OCCUPATIONS, N.E.C.	1	4.75	1	4.75	0	0
7 BENCH WORK	23	4.32	21	4.32	11	4.30
70 METAL PROD. FAB. ASSEMBLY & REPAIR, NEC	2	5.68	2	5.68	2	5.68
700 FAB.ASSEM.REPAIR OF JEWEL.SILWRE.REL.PR	1	5.00	1	5.00	1	5.00
709 FAB.ASSEM. & REPAIR OF METAL PRODS., NEC	1	6.35	1	6.35	1	6.35
72 ASSEMBLY AND REPAIR OF ELECTRICAL EQUIP.	17	4.32	16	4.34	9	4.00
726 ASSEM. & REP. OF ELEC.COMPON.& ACC., NEC	11	4.20	10	4.23	9	4.00
728 OCCS.IN FABRICATION OF ELEC.WIRE & CABLE	5	4.37	5	4.37	0	0
729 ASSEM. & REPAIR OF ELECTRICAL EQUIP.,NEC	1	5.30	1	5.30	0	0
74 PAINTING, DECORATING AND RELATED OCCS.	1	4.50	0	0	0	0
741 SPRAY PAINTING	1	4.50	0	0	0	0
78 FAB/REP OF TEXTILE, LEATHER & REL. PROD.	3	3.35	3	3.35	0	0
786 MACHINE SEWING OPERATORS, GARMENT	2	3.35	2	3.35	0	0

Table 27

--TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
SPNG/CHC/HOL, MASSACHUSETTS
FEB 1982

JOB TITLE	OPENINGS AVAILABLE TOTAL	OPENINGS AVAILABLE AVERAGE PAY	OPENINGS UNFILLED TOTAL	OPENINGS UNFILLED AVERAGE PAY	OPENINGS UNFILLED 30 DAYS TOTAL	OPENINGS UNFILLED 30 DAYS AVERAGE PAY
789 FAB/REP TEXTILE,LEATHER & REL PROD. NEC	1	$ 3.35	1	$ 3.35	0	$ 0
8 STRUCTURAL WORK	26	6.44	23	6.22	14	7.06
80 OCCUPATIONS IN METAL FABRIACTION, N.E.C.	2	5.00	2	5.00	2	5.00
806 TRANS. EQUIPMENT ASSEM. AND REL. WORK	1	3.50	1	3.50	1	3.50
807 BODY WORK,TRANSPORT. EQUIPMENT	1	6.50	1	6.50	1	6.50
82 ELECTRICAL ASSEMB. INST., AND REPAIRING	14	6.18	13	6.01	9	6.35
823 ELEC.COMM.DET.SIG. EQU.ASSEM.INST.REP.	1	5.00	1	5.00	0	0
824 LIGHT.EQU. & BLD.WIR ASSEM.INST.REP. NEC	4	7.26	3	6.90	3	6.90
828 ELEC. & ELEC. PROD. FAB.,INSTALL.REP.NEC	7	5.29	7	5.29	5	5.80
829 INSTAL.REP.OF ELECTRICAL PRODUCTS,N.E.C.	2	7.75	2	7.75	1	7.49
84 PAINTING, PLASTERING WATERPT., CEMENTING	8	6.50	6	6.00	2	8.00
840 CONSTRUCTION AND MAINT. PAINTERS	6	7.00	4	6.50	2	8.00
841 PAPERHANGING	2	5.00	2	5.00	0	0
86 CONSTRUCTION OCCUPATIONS, N.E.C.	1	15.58	1	15.58	1	15.58
862 PLUMBERS,GAS FITTING STEAM FITTING OCCS.	1	15.58	1	15.58	1	15.58
89 STRUCTURAL WORK OCCUPATIONS, N.E.C.	1	3.35	1	3.35	0	0
899 MISC. STRUCTURAL WORK OCCS., N.E.C.	1	3.35	1	3.35	0	0
9 MISCELLANEOUS	14	6.93	13	7.19	4	6.42
90 MOTOR FREIGHT OCCUPATIONS	5	4.74	5	4.74	1	3.35
904 TRAILER-TRUCK DRIVING	3	5.12	3	5.12	1	3.35

Table 27

Table 27

--TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
SPNG/CHC/HOLY MASSACHUSETTS
FEB 1982

JOB TITLE	OPENINGS AVAILABLE		OPENINGS UNFILLED		OPENINGS UNFILLED 30 DAYS	
	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY
905 HEAVY TRUCK DRIVING	2	$ 4.18	2	$ 4.18	0	$ 0
92 PACKAGING/MATERIALS HANDLING OCCUPATIONS	4	6.03	3	6.87	2	8.63
922 MATERIALS MOVING AND STORING OCCS., N.E.C	1	3.50	0	0	0	0
929 PACKAGING/MATERIALS HANDLING OCCS,N.E.C.	3	6.87	3	6.87	2	8.63
95 PRODUCTION AND DIST. OF UTILITIES	4	11.04	4	11.04	0	0
950 STATIONARY ENGINEERING	1	5.00	1	5.00	0	0
952 GEN.TRANS.& DISTR.OF ELEC.LIGHT & POWER	3	13.05	3	13.05	0	0
97 GRAPHIC ART WORK OCCUPATIONS	1	5.05	1	5.05	1	5.05
976 DARKROOM OCCS., N.E.C.	1	5.05	1	5.05	1	5.05

Table 28

-TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
PITTSFIELD MASSACHUSETTS
MAR 1982

JOB TITLE	OPENINGS AVAILABLE		OPENINGS UNFILLED		OPENINGS UNFILLED 30 DAYS	
	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY
TOTAL, ALL OCCUPATIONS	92	$ 8,881	70	$ 9,310	36	$ 9,940
0 & 1 PROFESSIONAL, TECHNICAL, AND MANAGERIAL	11	15,466	11	15,466	7	17,691
01 ARCHITECTURE AND ENGINEERING	4	20,667	4	20,667	3	20,556
012 INDUSTRIAL ENGINEERING	4	20,667	4	20,667	3	20,556
04 LIFE SCIENCES	1	10,000	1	10,000	0	0
045 PSYCHOLOGY	1	10,000	1	10,000	0	0
07 MEDICINE AND HEALTH	1	12,168	1	12,168	1	12,168
079 MEDICINE AND HEALTH, N.E.C	1	12,168	1	12,168	1	12,168
16 ADMINISTRATIVE SPECIALIZATIONS	1	25,000	1	25,000	1	25,000
166 PERSONNEL AND TRAINING ADMINIS.	1	25,000	1	25,000	1	25,000
18 MANAGERS AND OFFICIALS, N.E.C.	4	10,072	4	10,072	2	12,500
185 WHOLESALE AND RETAIL TRADE MANAGEMENT	1	8,320	1	8,320	0	0
187 SERVICE INDUSTRY MANAGEMENT	3	10,656	3	10,656	2	12,500
2 CLERICAL AND SALES	9	8,073	9	8,073	1	10,400
20 STENOGRAPHY, TYPING, FILING, AND RELATED	2	7,540	2	7,540	0	0
201 SECRETARIES	1	7,800	1	7,800	0	0
209 STENOGRAPHY,TYPING FILING & REL WRK NEC	1	7,280	1	7,280	0	0
21 COMPUTING AND ACCOUNT-RECORDING	2	8,939	2	8,939	0	0
210 BOOKKEEPERS & BOOK-KEEPING MACHINE OPS.	1	8,000	1	8,000	0	0
219 COMPUTING AND ACCOUNT RECORDING	1	9,877	1	9,877	0	0
22 PRODUCTION AND STOCK CLERKS	1	10,400	1	10,400	1	10,400

Table 28
-TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY

Table 28

--TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
PITTSFIELD MASSACHUSETTS
MAR 1982

JOB TITLE	OPENINGS AVAILABLE TOTAL	OPENINGS AVAILABLE AVERAGE PAY	OPENINGS UNFILLED TOTAL	OPENINGS UNFILLED AVERAGE PAY	OPENINGS UNFILLED 30 DAYS TOTAL	OPENINGS UNFILLED 30 DAYS AVERAGE PAY
222 SHIPPING, RECEIVING, AND STOCK CLERKS	1	$ 10,400	1	$ 10,400	1	$ 10,400
24 MISCELLANEOUS CLERICAL	1	8,398	1	8,398	0	0
249 MISCELLANEOUS CLERICAL WORK, N.E.C.	1	8,398	1	8,398	0	0
26 SALESPERSON, CONSUMABLE COMMODITIES	3	6,968	3	6,968	0	0
261 SALESWORK,TEXTILE PROD,APPAREL & NOTIONS	3	6,968	3	6,968	0	0
3 SERVICE	14	4.02	13	4.07	5	3.56
31 FOOD & BEVERAGE PREPARATION & SVC. OCCS.	4	4.44	4	4.44	2	3.88
312 BARTENDERS	1	4.00	1	4.00	0	0
313 CHEFS AND COOKS, HOTELS & RESTAURANTS	2	3.88	2	3.88	2	3.88
315 MISCELLANEOUS COOKS, EXCEPT DOMESTIC	1	6.00	1	6.00	0	0
33 BARBERING, COSMET. AND REL. SVC. OCCS.	3	3.35	2	3.35	2	3.35
332 HAIRDRESSERS AND COSMETOLOGISTS	3	3.35	2	3.35	2	3.35
35 MISC. PERSONAL SERVICE OCCUPATIONS	2	3.50	2	3.50	0	0
355 ATTEN.WORK,HOSPITALS MORG.AND REL.HEALT.S	2	3.50	2	3.50	0	0
37 PROTECTIVE SERVICE OCCUPATIONS	2	4.00	2	4.00	0	0
379 PROTECTIVE SERVICES OCCUPATIONS, N.E.C.	2	4.00	2	4.00	0	0
38 BUILDING AND RELATED SERVICE OCCUPATIONS	3	4.51	3	4.51	1	3.35
382 JANITORS	3	4.51	3	4.51	1	3.35
4 FARMING, FISHERY, FORESTRY, AND RELATED	3	3.58	3	3.58	0	0

Table 28

--TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
PITTSFIELD MASSACHUSETTS
MAR 1982

JOB TITLE	OPENINGS AVAILABLE		OPENINGS UNFILLED		OPENINGS UNFILLED 30 DAYS	
	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY
40 PLANT FARMING OCCUPATIONS	2	$ 3.70	2	$ 3.70	0	$ 0
406 GARDENING AND GROUNDSKEEPING OCCUPATIONS	2	3.70	2	3.70	0	0
41 ANIMAL FARMING OCCUPATIONS	1	3.35	1	3.35	0	0
410 DOMESTIC ANIMAL FARMING OCCUPATIONS	1	3.35	1	3.35	0	0
6 MACHINE TRADES	4	5.25	4	5.25	1	8.00
62 MECHANICS AND MACHINERY REPAIRERS	2	4.50	2	4.50	0	0
629 SPECIAL INDUSTRY MACHINERY MECHANICS	2	4.50	2	4.50	0	0
65 PRINTING OCCUPATIONS	2	6.00	2	6.00	1	8.00
651 PRINTING PRESS WORK	2	6.00	2	6.00	1	8.00
7 BENCH WORK	42	3.50	22	3.37	18	3.35
70 METAL PROD. FAB. ASSEMBLY & REPAIR, NEC	8	3.45	4	3.45	0	0
706 METAL UNIT ASSEMBLY & ADJUSTING N.E.C.	8	3.45	4	3.45	0	0
78 FAB/REP OF TEXTILE, LEATHER & REL. PROD.	25	3.35	18	3.35	18	3.35
787 MACHINE SEWING OPERATORS, NONGARMENT	25	3.35	18	3.35	18	3.35
79 BENCH WORK OCCUPATIONS, N.E.C.	9	3.95	0	0	0	0
794 OCCS. IN FABRICATION OF PAPER PRODS., NEC	9	3.95	0	0	0	0
8 STRUCTURAL WORK	6	4.67	6	4.67	3	5.00
80 OCCUPATIONS IN METAL FABRIACTION, N.E.C.	1	4.00	1	4.00	0	0
806 TRANS. EQUIPMENT ASSEM. AND REL. WORK	1	4.00	1	4.00	0	0
86 CONSTRUCTION OCCUPATIONS, N.E.C.	4	4.75	4	4.75	2	5.00

Table 28
--TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY

Table 28

TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
PITTSFIELD , MASSACHUSETTS
MAR 1982

JOB TITLE	OPENINGS AVAILABLE		OPENINGS UNFILLED		OPENINGS UNFILLED 30 DAYS	
	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY
860 CARPENTRY AND RELATED WORK	1	$ 5.00	1	$ 5.00	0	$ 0
863 ASBESTOS AND INSULATION WORK	3	4.67	3	4.67	2	5.00
89 STRUCTURAL WORK OCCUPATIONS, N.E.C.	1	5.00	1	5.00	1	5.00
899 MISC. STRUCTURAL WORK OCCS., N.E.C.	1	5.00	1	5.00	1	5.00
9 MISCELLANEOUS	3	4.37	2	4.88	1	6.41
92 PACKAGING/MATERIALS HANDLING OCCUPATIONS	3	4.37	2	4.88	1	6.41
922 MATERIALS MOVING AND STORING OCCS., N.E.C	2	3.35	1	3.35	0	0
929 PACKAGING/MATERIALS HANDLING OCCS,N.E.C.	1	6.41	1	6.41	1	6.41

Table 29

--TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY SELECTED INDUSTRY GROUP
SPNG/CHC/HOLY MASSACHUSETTS
FEB 1982

SELECTED INDUSTRY GROUP	OPENINGS AVAILABLE		OPENINGS UNFILLED		OPENINGS UNFILLED 30 DAYS	
	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY
TOTAL OPENINGS, ALL INDUSTRIES	434	$ 10,519	383	$ 10,765	241	$ 10,371
TOTAL AGRICULTURE, FORESTRY, AND FISHING (01-09)	6	8,112	0	0	0	0
AGRICULTURAL PRODUCTION--LIVESTOCK (02)	2	8,112	0	0	0	0
FORESTRY (08)	4	0	0	0	0	0
TOTAL CONSTRUCTION (15-17)	10	15,305	8	14,971	4	19,542
CONSTRUCTION--SPECIAL TRADE CONTRACTORS(17)	10	15,305	8	14,971	4	19,542
TOTAL MANUFACTURING (20-39)	97	12,106	89	12,346	49	12,583
DURABLE GOODS (24,25,32-39)	50	12,786	48	12,977	28	12,069
PRIMARY METAL INDUSTRIES (33)	2	10,000	2	10,000	2	10,000
FAB. MET. PRO., EX. MACH.&TRANS. EQUIP.(34)	2	14,300	2	14,300	2	14,300
MACHINERY, EXCEPT ELECTRICAL (35)	5	13,320	5	13,320	2	11,760
ELEC. AND ELEC. MACH., EQUIP., AND SUP.(36)	22	9,444	21	9,498	13	9,698
TRANSPORTATION EQUIPMENT (37)	2	17,648	2	17,648	0	0
INSTRUMENTS, OPTICAL GOODS, TIME PIECES(38)	17	16,933	17	16,933	7	14,831
MISCELLANEOUS MANUFACTURING INDUSTRIES (39)	3	14,654	2	17,951	2	17,951
NONDURABLE GOODS (20-23,26-31)	47	11,384	41	11,608	21	13,270
FOOD AND KINDRED PRODUCTS (20)	1	8,112	1	8,112	1	8,112
TEXTILE MILL PRODUCTS (22)	8	14,875	7	15,314	5	16,552
APPAREL AND OTHER FINISHED PROD.,FAB. (23)	3	6,968	3	6,968	0	0
PAPER AND ALLIED PRODUCTS (26)	10	13,165	9	12,703	5	13,805
PRINTING, PUBLISHING, AND ALLIED IND. (27)	11	10,365	10	10,705	3	11,643
RUBBER AND MISC. PLASTICS PRODUCTS (30)	11	9,039	9	9,263	5	9,776
LEATHER AND LEATHER PRODUCTS (31)	3	13,974	2	17,478	2	17,478
TOTAL TRANS., COMM., ELEC., GAS, SAN. SVC (40-49)	17	16,969	17	16,969	8	14,713
LOCAL TRANSIT AND INTERURB. HIWWY TRANS(41)	3	11,371	3	11,371	1	9,152
MOTOR FREIGHT TRANSPORT. AND WAREHOUS. (42)	1	20,800	1	20,800	1	20,800
TRANSPORTATION SERVICES (47)	1	6,968	1	6,968	1	6,968
COMMUNICATION (48)	3	9,689	3	9,689	2	11,050
ELECTRIC, GAS, AND SANITARY SERVICES (49)	9	21,947	9	21,947	3	19,562
TOTAL WHOLESALE TRADE (50-51)	13	9,183	11	9,056	7	8,729
WHOLESALE TRADE--DURABLE GOODS (50)	12	9,125	10	8,974	7	8,729
WHOLESALE TRADE--NONDURABLE GOODS (51)	1	9,880	1	9,880	0	0
TOTAL RETAIL TRADE (52-59)	112	7,706	101	7,779	91	7,681

Table 29

Table 29

--TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY SELECTED INDUSTRY GROUP
SPNG/CHC/HOLY MASSACHUSETTS
FEB 1982

SELECTED INDUSTRY GROUP	OPENINGS AVAILABLE		OPENINGS UNFILLED		OPENINGS UNFILLED 30 DAYS	
	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY
TOTAL RETAIL TRADE (52-59)						
BLDG. MAT., HW, GAR. SUP., MOB.HM DEAL(52)	3	$ 7,315	2	$ 7,228	1	$ 6,968
GENERAL MERCHANDISE STORES (53)	76	6,968	68	6,968	67	6,968
FOOD STORES (54)	2	9,360	2	9,360	1	8,320
AUTOMOTIVE DEALERS AND GAS SVC. STATION(55)	7	9,947	7	9,947	3	10,833
APPAREL AND ACCESSORY STORES (56)	2	7,384	2	7,384	2	7,384
FURNITURE, HOME FUR. & EQUIP. STORES (57)	1	9,360	1	9,360	0	0
EATING AND DRINKING PLACES (58)	15	9,699	14	9,679	13	9,784
MISCELLANEOUS RETAIL (59)	6	9,441	5	9,874	4	10,600
TOTAL FINANCE, INSURANCE, AND REAL ESTATE (60-67)	76	10,137	73	10,237	47	10,062
BANKING (60)	35	8,784	33	8,868	26	8,911
INSURANCE (63)	11	11,573	11	11,573	6	12,771
INSURANCE AGENTS, BROKERS, AND SERVICE (64)	10	11,684	10	11,684	2	10,420
REAL ESTATE (65)	11	11,573	11	11,573	10	12,033
COMB. REAL EST., INS., LOANS,LAW OFFICE(66)	7	10,328	6	10,663	3	7,805
HOLDING AND OTHER INVESTMENT OFFICES (67)	2	8,947	2	8,947	0	0
TOTAL SERVICES (70-89)	88	10,683	69	11,375	28	12,296
HOTELS, ROOMING HOUSES, CAMPS AND REL. (70)	8	8,591	5	8,757	1	14,560
BUSINESS SERVICES (73)	18	9,221	10	10,213	1	8,320
AUTOMOTIVE REPAIR, SERVICES, & GARAGES (75)	3	10,227	1	12,480	1	12,480
MISCELLANEOUS REPAIR SERVICES (76)	3	8,112	2	8,684	2	8,684
HEALTH SERVICES (80)	9	10,124	5	11,583	4	12,074
LEGAL SERVICES (81)	7	7,845	7	7,845	5	7,654
EDUCATIONAL SERVICES (82)	19	13,730	18	14,030	10	16,275
SOCIAL SERVICES (83)	11	13,304	11	13,304	0	0
MUSEUMS, GALLERIES, BOTAN. GARDENS,ZOOS(84)	1	6,968	1	6,968	0	0
MEMBERSHIP ORGANIZATIONS (86)	6	10,110	6	10,110	2	9,932
PRIVATE HOUSEHOLDS (88)	2	7,176	2	7,176	1	6,968
MISCELLANEOUS SERVICES (89)	1	15,413	1	15,413	1	15,413
TOTAL PUBLIC ADMINISTRATION (91-97)	15	13,198	15	13,198	7	15,659
EXEC., LEGIS., AND GENL GOVMT. EXC FIN.(91)	4	13,879	4	13,879	4	13,879
JUSTICE, PUBLIC ORDER, AND SAFETY (92)	7	13,373	7	13,373	3	18,033
ADMINISTRATION OF HUMAN RESOURCES PGMS.(94)	4	12,213	4	12,213	0	0

Table 30

--TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY SELECTED INDUSTRY GROUP
PITTSFIELD MASSACHUSETTS
MAR 1982

SELECTED INDUSTRY GROUP	OPENINGS AVAILABLE		OPENINGS UNFILLED		OPENINGS UNFILLED 30 DAYS	
	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY
TOTAL OPENINGS, ALL INDUSTRIES	92	$ 8,881	70	$ 9,310	36	$ 9,940
TOTAL AGRICULTURE, FORESTRY, AND FISHING (01-09)	1	6,968	1	6,968	0	0
AGRICULTURAL PRODUCTION--LIVESTOCK (02)	1	6,968	1	6,968	0	0
TOTAL CONSTRUCTION (15-17)	3	9,707	3	9,707	2	10,400
CONSTRUCTION--SPECIAL TRADE CONTRACTORS(17)	3	9,707	3	9,707	2	10,400
TOTAL MANUFACTURING (20-39)	52	8,987	32	9,871	24	9,964
DURABLE GOODS (24,25,32-39)	5	21,536	5	21,536	4	21,667
PRIMARY METAL INDUSTRIES (33)	1	21,000	1	21,000	0	0
ELEC. AND ELEC. MACH., EQUIP., AND SUP.(36)	4	21,667	4	21,667	4	21,667
NONDURABLE GOODS (20-23,26-31)	47	7,652	27	7,711	20	7,623
APPAREL AND OTHER FINISHED PROD.,FAB. (23)	25	6,968	16	6,968	18	6,968
PAPER AND ALLIED PRODUCTS (26)	1	10,400	1	10,400	1	10,400
PRINTING, PUBLISHING, AND ALLIED IND. (27)	11	8,991	2	12,480	1	16,640
RUBBER AND MISC. PLASTICS PRODUCTS (30)	8	7,178	5	7,178	0	0
LEATHER AND LEATHER PRODUCTS (31)	2	9,360	2	9,360	0	0
TOTAL TRANS., COMM., ELEC., GAS, SAN. SVC (40-49)	3	9,090	2	10,151	1	13,333
MOTOR FREIGHT TRANSPORT. AND WAREHOUS. (42)	3	9,090	2	10,151	1	13,333
TOTAL RETAIL TRADE (52-59)	6	7,646	6	7,646	0	0
AUTOMOTIVE DEALERS AND GAS SVC. STATION(55)	1	8,320	1	8,320	0	0
APPAREL AND ACCESSORY STORES (56)	4	7,308	4	7,308	0	0
EATING AND DRINKING PLACES (58)	1	8,320	1	8,320	0	0
TOTAL SERVICES (70-89)	20	8,810	19	8,907	7	8,885
HOTELS, ROOMING HOUSES, CAMPS AND REL. (70)	2	11,700	2	11,700	1	13,000
PERSONAL SERVICES (72)	3	6,968	3	6,968	2	6,968
AMUSEMENT AND RECR. SVC. EXCEPT MOVIES (79)	3	8,320	3	8,320	1	7,800
HEALTH SERVICES (80)	3	9,152	3	9,152	3	9,152
LEGAL SERVICES (81)	1	7,800	1	7,800	0	0
EDUCATIONAL SERVICES (82)	8	8,740	8	8,740	0	0
SOCIAL SERVICES (83)	1	8,000	1	8,000	0	0
TOTAL PUBLIC ADMINISTRATION (91-97)	7	9,187	7	9,187	2	11,200

Table 30
--TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY

Table 30

--TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY SELECTED INDUSTRY GROUP
PITTSFIELD MASSACHUSETTS
MAR 1982

SELECTED INDUSTRY GROUP	OPENINGS AVAILABLE		OPENINGS UNFILLED		OPENINGS UNFILLED 30 DAYS	
	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY
TOTAL PUBLIC ADMINISTRATION (91-97)						
EXEC., LEGIS., AND GENL GOVMT, EXC FIN.(91)	2	$ 7,696	2	$ 7,696	0	$ 0
JUSTICE, PUBLIC ORDER, AND SAFETY (92)	1	6,877	1	6,877	0	0
ADMINISTRATION OF HUMAN RESOURCES PGMS.(94)	1	12,000	1	12,000	1	12,000
ADMIN. OF ENVIR. QUAL. & HOUSING PGMS. (95)	2	8,320	2	8,320	0	0
ADMINISTRATION OF ECONOMIC PROGRAMS (96)	1	10,400	1	10,400	1	10,400

In using the occupational data provided by the Division of Employment Security (DES) it is important to know its limitations. The listings include only those jobs filed at DES local offices and do not reflect the total amount of jobs available. Many jobs are filled internally within companies either through promotion or laterial transfer and are not listed with employment agencies. Pay rates listed with job bank are an average of wages offered, generally the minimum or entry wage for a position. Actual rates paid are often higher. If an applicant applies at more than one office double-counts may occur in certain tables. Also difficulties occur portraying supply when applicants have more than one skill and qualify for work in more than one occupation.

B. Employment Projections by Occupation

An analysis of occupational needs by industry can be determined by analysis of Job Bank tables 29 and 30 for the Springfield-Chicopee-Holyoke LMA and the Pittsfield LMA. These tables provide the number of listed job openings by two-digit Standard Industrial Classification Codes and are a rough indication of industry needs.

Table 31 is an index of high demand occupations taken from a report co-authored by several government agencies titled High Demand Occupations in Massachusetts - 1981. The report is available from the Job Market Research Service.

High Demand Occupations by Major Occupational Clusters

in Massachusetts - 1981

I. Professional and Technical

A. Engineers

1. Electrical Engineers
2. Industrial Engineers
3. Mechanical Engineers
4. Drafters

B. Health

5. Registered Nurses
6. Clinical Lab Technicians
7. Dental Hygientists
8. Radiological Technologists
9. Therapists

C. Other Technical

10. Electronic Technicians
11. Computer Programmers
12. Computer Systems Analysts
13. Computer Service Technologists

D. Other Professionals, Managers and Proprietors

14. Personnel and Labor Relations
15. Bank, Financial Managers
16. Buyers, Wholesale and Retail
17. Purchasing Agents
18. Health Administrators
19. Managers, Superintendents of Buildings
20. Real Estate Agents, Brokers

II. Clerical Occupations

21. Legal Secretaries
22. Medical Secretaries
23. Other Secretaries
24. Bookkeepers
25. Expeditors, Production Controllers
26. Insurance Adjusters, Examiners
27. Receptionists
28. Shipping and Receiving Clerks

(continued)

III. Craft Workers

29. Carpenters and Apprentices
30. Electricians and Apprentices
31. Painters and Apprentices
32. Plumbers and Pipefitters
33. Excavating and Grading Machine Operators
34. Heavy Equipment Mechanics
35. Air Conditioning, Heating and Refrigeration Mechanics
36. Machinists
37. Tool and Die Makers
38. Radio and Television Repairers
39. Opticians and Lens Grinders

IV. Operatives

40. Assemblers
41. Photographic Process Repairers
42. Fork Lift Operatives
43. Truck Drivers
44. Lathe Machine Operatives

V. Service Workers

45. Cooks
46. Waitresses and Waiters
47. Dental Assistants
48. Health Aides
49. Practical Nurses
50. Child Care Workers

V. Trends in Unemployment

A. Western Region Unemployment

Table 14 presents an overview of the labor force employment, unemployment and unemployment rate for the western region of Massachusetts, which for the purpose of this report includes Berkshire, Franklin, Hampshire and Hampden Counties as well as the Ware and Athol Labor Market Areas. The overall unemployment rate in the western region at 6.4 percent was the same as that for Massachusetts in 1981.

The 1981 annual average unemployment rates for the Athol LMA and the Ware LMA reflect the grip of the national recession.

At the time of the completion of this report, the October 1982 unemployment rates have become available and are presented below for comparison. The table gives monthly data, therefore the rates are not comparable to the annual average rates presented in Table 14. However, the October 1982 and year-earlier figures are an accurate account of what has happened in the western region since 1981.

Table 32
Unemployment Rates - Western Region
October 1981 and October 1982

Area	October 1982	October 1981
Pittsfield LMA	8.1	7.2
Springfield-Chicopee-Holyoke LMA	6.7	6.7
Athol LMA	15.4	7.8
Great Barrington LMA	5.7	4.4
Greenfield LMA	6.7	5.1
Ware LMA	10.0	9.4
Western Massachusetts	7.1	6.7
Berkshire County	7.8	6.8
Franklin County	7.0	5.1
Hampden County	7.1	7.0
Hampshire County	6.1	6.0
Massachusetts *	7.7	7.4

* Seasonally unadjusted

The October-to-October comparison reveals that all unemployment rates have increased, that the western region now has a slightly lower rate than the state as a whole; that the Springfield-Chicopee-Holyoke LMA may be one of the more stable areas in the state. The most dramatic shift in unemployment occurred in the Athol LMA, which recorded an annual average of 6.8 percent in 1981 and a monthly rate of 15.4 percent in October, 1982, almost double that of the 7.8 percent in October, 1981. The area has been plagued by massive layoffs, shutdowns, and vacation extensions in vital manufacturing industries.

B. Unemployment Insurance Claims Data

Table 33 clearly shows the parallel between claims filed and unemployment rates in the Springfield-Chicopee-Holyoke LMA. As the recession deepened claims increased from an annual average of 7,455 in 1980 to 7,998 in 1981 and jumped sharply to 11,713 in January 1982 (partially for seasonal reasons). A similar pattern is apparent in the Pittsfield LMA (see Table34).

C. Characteristics of Insured Unemployed

The following series of tables (35,36) present the racial characteristics of claimants by municipality in the various labor market areas and counties in the Western region of Massachusetts. By far the greatest concentration of nonwhites and Hispanics are found in the cities of Springfield and Holyoke. Some 491 of the 542 nonwhite claimants in March 1982 were in Springfield, while some 324 of the 365 Hispanics were from Springfield and Holyoke.

Cities and towns with over 500 claimants(March 1,1982)were Chicopee, Holyoke, Ludlow, Springfield, and Westfield in the Springfield-Chicopee-Holyoke LMA and Pittsfield in the Pittsfield LMA. Cities and towns with 250 or more claimants included Agawam, Chicopee, Easthampton, Holyoke, Ludlow, Northampton, South Hadley, Springfield, Westfield and West Springfield in the Springfield-Chicopee-Holyoke LMA; Pittsfield and North Adams in Berkshire County; Greenfield in the Greenfield LMA; and Athol in the Athol LMA. Large numbers of experienced unemployed workers live in these particular communities.

Table 33

Unemployment Insurance (UI) Claims Activity
Springfield-Chicopee-Holyoke LMA

Date	UI Continued Claimants	UI Continued Claimants Less Earnings	UI Initial Claims
1979			
January	7,958	7,459	770
February	8,015	7,454	953
March	8,237	7,759	790
April	6,151	5,717	957
May	4,754	4,397	631
June	4,859	4,455	983
July	5,757	5,413	745
August	5,569	5,258	654
September	4,887	4,079	473
October	4,331	4,024	572
November	4,708	4,344	782
December	6,889	6,377	2,933
1980			
January	7,379	6,859	798
February	7,308	6,863	979
March	7,284	6,863	732
April	7,206	6,723	1,155
May	6,901	6,440	1,730
June	6,883	6,499	819
July	8,287	7,916	864
August	8,089	7,743	647
September	6,780	6,404	609
October	6,992	6,610	665
November	7,262	6,813	1,019
December	9,091	8,486	1,656
1981			
January	10,406	9,869	857
February	9,558	9,068	955
March	8,788	8,314	629
April	7,522	7,007	986
May	6,317	5,880	663
June	5,972	5,563	801
July	8,567	8,095	985
August	7,752	7,338	712
September	6,957	6,420	731
October	6,844	6,258	864
November	7,656	7,102	1,035
December	9,634	8,948	2,356

Table 34

Unemployment Insurance Claims
1981 by Months and First Quarter 1982
Pittsfield LMA

Date	Initial Claims Regular Program	Continued Weeks Claimed Regular Program
1981		
January	218	2,394
February	285	2,366
March	166	2,234
April	232	1,806
May	171	1,481
June	152	1,471
July	158	2,103
August	182	2,026
September	362	1,795
October	181	1,730
November	297	1,930
December	1,429	2,344
1981 Annual Average	319	1,973
First Quarter 1982		
January	614	2,846
February	310	2,620
March	319	2,699
First Quarter 1982 Average	414	2,722

Table 35

Characteristics of the Insured Unemployed
March 1982
Springfield-Chicopee-Holyoke LMA

Cities and Towns	White	Nonwhite	Spanish Surname	Other	Not Coded	Total
Total Springfield-Chicopee-Holyoke LMA	8,304	542	365	48	45	9,304
Agawam	377	2	5	3	-	387
Amherst	130	5	2	-	1	138
Belchertown	112	1	-	-	-	113
Brimfield	35	-	-	-	1	36
Chesterfield	21	-	-	-	-	21
Chicopee	1,136	2	4	2	6	1,150
Easthampton	287	-	-	2	3	292
East Longmeadow	181	1	-	-	-	182
Granby	106	-	1	-	-	107
Granville	27	-	1	-	-	28
Hadley	51	-	-	-	-	51
Hampton	60	-	-	1	-	61
Hatfield	66	-	-	-	-	66
Holyoke	638	19	139	7	5	808
Longmeadow	88	1	-	-	-	89
Ludlow	536	2	3	1	1	543
Monson	91	2	-	-	-	93
Montgomery	6	-	-	-	-	6
Northampton	336	4	2	-	2	344
Palmer	217	1	-	1	1	220
Pelham	55	-	-	-	-	55
Russell	28	-	-	-	-	28
South Hadley	255	-	1	4	1	261
Southampton	58	-	-	1	-	59
Southwick	115	3	1	1	1	121
Springfield	2,175	491	185	23	20	2,894
Wales	15	-	-	-	-	15
Warren	50	-	-	-	1	51
Westfield	494	3	18	-	1	516
Westhampton	1	-	-	-	-	1
West Springfield	362	5	3	2	-	372
Wilbraham	136	-	-	-	1	137
Williamsburg	59	-	-	-	-	59

Source: RS 064

Table 36

Characteristics of the Insured Unemployed
March 1982
Hampshire County

Cities and Towns	White	Nonwhite	Spanish Surname	Other	Not Coded	Total
Total Hampshire County	1,390	9	5	8	8	1,420
Amherst	130	5	2	-	1	138
Chesterfield	21	-	-	-	-	21
Cummington	10	-	-	1	-	11
Easthampton	287	-	-	2	3	292
Goshen	7	-	-	-	-	7
Hadley	51	-	-	-	-	51
Hatfield	66	-	-	-	-	66
Huntington	31	-	-	-	1	32
Middlefield	2	-	-	-	-	2
Northampton	336	4	2	-	2	344
Pelham	55	-	-	-	-	55
Plainfield	10	-	-	-	-	10
South Hadley	255	-	1	4	1	261
Southampton	58	-	-	1	-	59
Westhampton	1	-	-	-	-	1
Williamsburg	59	-	-	-	-	59
Worthington	11	-	-	-	-	11

Source: RS 064

Table 37
Characteristics of the Insured Unemployed
March 1982
Hampden Consortium

Cities and Towns	White	Nonwhite	Spanish Surname	Other	Not Coded	Total
Total Hampden Consortium	6,768	532	359	41	38	7,738
Agawam	377	2	5	3	-	387
Blandford	18	-	-	-	-	18
Brimfield	35	-	-	-	1	36
Chester	29	-	-	-	1	30
Chicopee	1,136	2	4	2	6	1,150
East Longmeadow	181	1	-	-	-	182
Granville	27	-	1	-	-	28
Hampden	60	-	-	1	-	61
Holland	3	-	-	-	-	3
Holyoke	638	19	139	7	5	808
Longmeadow	88	1	-	-	-	89
Ludlow	536	2	3	1	1	543
Monson	91	2	-	-	-	93
Montgomery	6	-	-	-	-	6
Palmer	217	1	-	1	1	220
Russell	28	-	-	-	-	28
Southwick	115	3	1	1	1	121
Springfield	2,175	491	185	23	20	2,894
Tolland	1	-	-	-	-	1
Wales	15	-	-	-	-	15
Westfield	494	3	18	-	1	516
West Springfield	362	5	3	2	-	372
Wilbraham	136	-	-	-	1	137

Source: RS 064

Table 38

Racial Characteristics of the Insured Unemployed
Pittsfield LMA CETA Areas
March 1982

Berkshire Consortium Pittsfield CETA Areas	Total	White	Non-White	Spanish Surname	Other	Not Coded
Pittsfield Local Office*	1,600	1,558	28	-	4	10
Alford	2	2	-	-	-	-
Becket	20	20	-	-	-	-
Cheshire	57	56	-	-	1	-
Dalton	68	6	1	-	-	1
Egremont	13	13	-	-	-	-
Great Barrington	160	156	4	-	-	-
Hancock	3	3	-	-	-	-
Hinsdale	40	40	-	-	-	-
Lanesboro	49	48	1	-	-	-
Lee	183	180	3	-	-	-
Lenox	88	87	-	-	1	-
Monterey	10	10	-	-	-	-
Mount Washington	1	1	-	-	-	-
New Marlborough	3	3	-	-	-	-
Otis	19	19	-	-	-	-
Peru	6	6	-	-	-	-
Pittsfield	734	706	19	-	2	7
Richmond	20	19	-	-	-	1
Sandisfield	10	10	-	-	-	-
Sheffield	30	30	-	-	-	-
Stockbridge	30	29	-	-	-	1
Tyringham	8	8	-	-	-	-
Washington	-	-	-	-	-	-
West Stockbridge	25	25	-	-	-	-
Windsor	21	21	-	-	-	-
North Adams Local Office	698	689	5	2	1	1
Adams	247	246	-	-	-	1
Clarksburg	36	35	1	-	-	-
Florida	12	11	-	-	-	-
Monroe	2	2	-	-	-	-
New Ashford	1	1	-	-	-	-
North Adams	322	318	2	2	-	-
Savoy	20	20	-	-	-	-
Williamstown	58	56	2	-	-	-
Berkshire Consortium	2,298	2,247	33	2	5	11
Great Barrington Local Office	229	225	5	-	-	-
Alford	2	2	-	-	-	-
Egremont	13	13	-	-	-	-
Great Barrington	160	156	4	-	-	-
Monterey	10	10	-	-	-	-
Mount Washington	1	1	-	-	-	-
New Marlborough	3	3	-	-	-	-
Sandisfield	10	10	-	-	-	-
Sheffield	30	30	-	-	-	-
Pittsfield Local Office	1,600	1,558	28	-	4	10
Less Gr. Barrington Local Office	-229	-225	-4	-	-	-
	1,371	1,333	24	-	4	10
North Adams Local Office	698	689	5	2	1	1
Pittsfield LMA	2,069	2,022	29	2	5	11

Pittsfield Consortium is the sum of Pittsfield LMA and Great Barrington Local Office

Pittsfield Labor Market Area is the sum of Pittsfield and North Adams Local Office

Table 39

Athol LMA and Ware LMA
Characteristics of the Insured Unemployed
March, 1982

	White	Nonwhite	Spanish Surname	Other	Not Coded	Total
Athol LMA	847	26	10	14	5	902
Athol	304	-	-	1	1	306
Barre	125	3	-	1	1	130
Erving	21	-	-	-	-	21
New Salem	101	23	9	11	-	144
Orange	198	-	1	1	3	203
Petersham	11	-	-	-	-	11
Phillipston	16	-	-	-	-	16
Royalston	18	-	-	-	-	18
Warwick	26	-	-	-	-	26
Wendell	27	-	-	-	-	27
Ware LMA	337	1	1	4	-	343
Hardwick	39	-	-	1	-	40
New Braintree	15	-	-	1	-	16
Oakham	22	-	-	-	-	22
Ware	222	1	1	2	-	226
West Brookfield	39	-	-	-	-	39

Source: RS-064

Table 40

Greenfield LMA
Characteristics of the Insured Unemployed
March, 1982

City or Town	White	Nonwhite	Spanish Surname	Other	Not Coded	Total
Greenfield LMA	827	5	2	15	2	841
Ashfield	32	-	-	-	-	32
Bernardston	32	-	-	1	-	33
Buckland	9	-	-	-	-	9
Charlemont	16	-	-	-	-	16
Colrain	23	-	-	1	-	24
Conway	21	-	-	-	-	21
Deerfield	84	3	-	1	-	88
Gill	21	-	-	-	-	21
Greenfield	264	2	1	1	-	264
Hawley	2	-	-	-	-	2
Heath	2	-	-	-	-	2
Leverett	18	-	-	-	-	18
Leyden	3	-	-	-	-	3
Monroe	2	-	-	-	-	2
Montague	133	-	1	1	2	137
Northfield	16	-	-	-	-	16
Rowe	5	-	-	-	-	5
Shelburne	50	-	-	-	-	50
Shutesbury	15	-	-	-	-	15
Sunderland	55	-	-	-	-	55
Whately	24	-	-	-	-	24

Source: RS-064

Table 41

Labor Surplus Areas
Western Area - Massachusetts
Eligible for Federal Procurement Preference
From June 1, 1982 Through May 31, 1983

City or Town	Labor Market Area	County
Alford	Great Barrington	Berkshire
Cummington	Balance of State	Hampshire
Florida	Pittsfield	Berkshire
Granville	Springfield-Chicopee-Holyoke	Hampden
Holland	Southbridge	Hampden
Leyden	Greenfield	Franklin
New Ashford	Pittsfield	Berkshire
North Adams	Pittsfield	Berkshire
Orange	Athol	Franklin
Savoy	Pittsfield	Berkshire
Tolland	Balance of State	Hampden
Tyringham	Pittsfield	Berkshire
Worthington	Balance of State	Hampshire

Effective: 06/04/82 Federal Register/ Vol. 47, No. 108

Adams	Pittsfield	Berkshire
Brimfield	Springfield-Chicopee-Holyoke	Hampden
Middlefield	Balance of State	Hampshire
Montague	Greenfield	Franklin
Plainfield	Balance of State	Hampshire

Effective: 07/01/82 Area Trends in Employment and Unemployment

U. S. Department of Labor,
Employment and Training
Administration

VI. Labor Supply-Demand Imbalances

One of the features of the occupational data generated by the Division of Employment Security Employment Service Automated Reporting System (ESARS) is the ratio of unfilled openings to applicants seeking work. In March 1982, the ratio of openings to applicant was 12 to 1 in S-C-H labor market and 11 to one in the Pittsfield LMA (see Tables 22 and 23). This is especially puzzling to the general public in a period of high unemployment. One would think that there would be very few unfilled job opening because of the number of unemployed.

The reasons why openings are not filled by a proportionately much larger number of applicants have been well documented.

Many jobs orders are low paying with unattractive working conditions including inconvenient hours and out-of-the way locations. It is very difficult to fill night shift positions in locations not serviced by public transportation.

Some jobs may require specialized skills that are not available in the applicant pool. Some minority applicants may have difficulty with English.

Employers may be reluctant to hire the very young, the older worker, and the "overqualified". Displaced teachers, young social service graduates, and older workers displaced by plant closings or automation have experienced difficulty in obtaining employment during the economic downturn.

Low paying jobs requiring expensive travel and substantial travel time are not feasible for many jobseekers.

Employers may list more jobs than they intend to fill to either "test the market" or to document the existence of an adequate labor pool necessary to carry out a potential government contract.

Some applicants may have jobs and are searching for other work or more pay.

Family responsibility and lack of day-care facilities may keep parents from accepting particular positions.

Applicants may be finding jobs not listed with the DES, and a time lag occurs before they are removed from the Job Matching Service active applicants file.

Nevertheless, ESARS is the best data available or labor supply and demand.

VII. Individuals in Need of Employment Services

The projected unemployment rates for the Springfield-Chicopee-Holyoke and the Pittsfield LMA's in 1983 for nonwhites is more than twice as high as that for whites. The unemployment rate for nonwhite male youths under 20 years of age in particular is projected to be over 50 percent. (See Tables 5 and 7).

Among the prime target groups for Employment Services are the economically disadvantaged 18 years and over and workers 18 years and over employed part-time for economic reasons found in Tables 44 through 51.

Economically disadvantaged is defined by the United States Department of Labor as person who is:

1. a member of a family who received public assistance.
2. a member of a family whose income during the previous 6 months or on an annualized basis was such that it:
   - would have qualified for public assistance; or,
   - does not exceed the poverty level; or,
   - does not exceed 70 percent of the lower living standards income level.
3. a foster child on whose behalf state or local government payments are made.
4. in a position where such status presents significant barriers to employment such as a;
   - A. client of sheltered work shop.
   - B. handicapped individual.
   - C. regular outpatient of a mental hospital, rehabilitation facility or similar institution.

Table 42 - gives poverty guidelines for both farm and nonfarm families, and size of family.

In fiscal year 1983 the number of disadvantaged 18 years and over in Springfield-Chicopee-Holyoke LMA will be approximately 41,905 of whom 78.3 percent or 35,181 will be white and 6,724 or 21.7 percent will be nonwhite. Some 12,080 persons will be working part-time for economic reasons 10,192 whites and 1,888 nonwhites.

In Pittsfield LMA the economically disadvantaged 18 years and over in 1983 will number about 11,782, of whom 11,414 will be white and 349 black. Some 2,869 persons will work part-time for economic reasons.

Table43 gives a detailed description of the type of applicants needing services in the Job Matching Centers in the Western region.

During a period of economic downturn, the following groups will be in need of special employability services;

1. youth age 16 through 21: even though this age cohort will be a proportionally smaller share of the labor market, they will need special services because they may not have a firm vocational identity, lack skills, lack work experience, and will be competing with reentrants to the labor market for increasingly fewer jobs.

2. workers 55 and older: this group will include jobseekers who have been displaced by automation such as typographers, those whose companies have folded after many years of service, widows/widowers, displaced homemakers, and retirees hoping to supplement pensions in order to meet current expenses.

3. the economically disadvantaged includes those who have encountered barriers to employment such as limited English-language proficiency, and lack of completion of high school.

4. dislocated workers: this group includes layed-off teachers, ex-government employees, employees whose plants have closed, those who reside in labor surplus areas, and those whose positions have been replaced by word processing equipment, machine tools, CAD/CAM, robots, and other forms of automation.

Table 42

Poverty-Level Guidelines for 1982 in the Continental U.S.

Family Size	Nonfarm*	Farm**
1	$ 4,680	$ 4,010
2	6,220	5,310
3	7,760	6,610
4	9,300	7,910
5	10,840	9,210
6	12,380	10,510

* Add $1,540 for each additional family member

** Add $1,300 for each additional family member

Source: Office of Management and Budget

Table 43

Characteristics of Applicants Registered at
Job Matching Service Centers
Western Region, March 1982

Local Office	Total Active Applicants	Female	Dis-advantaged	Veterans	Nonwhite Minority	Under 22	Over 40	Handicapped
Northampton	1,558	592	275	365	77	237	265	47
Greenfield	1,279	427	222	283	32	261	236	118
North Adams	1,235	554	285	173	10	389	246	41
Pittsfield	1,646	620	377	304	50	489	310	58
Springfield	4,148	1,665	876	1,093	1,323	686	1,118	224
Ware	386	164	45	86	8	66	72	19
Holyoke	1,491	604	223	248	166	358	327	42

Source: ESARS Table 06, March 1982

Table 44

Economically Disadvantaged
18 Years and Over
Springfield-Chicopee-Holyoke LMA
Fiscal Year 1983

Group	Number	Percent of Total
Total	41,905	100.0
White	35,181	78.3
Nonwhite	6,724	21.7

Source: Lawrence Berkeley Laboratory and Labor Area Research Department

Table 45

Estimates of Part-Time Employment for Economic Reasons
Springfield-Chicopee-Holyoke LMA
Fiscal Year 1983

Group	Total	Male	Female
Total	12,080	5,344	6,736
White	10,192	4,434	5,758
Nonwhite	1,888	910	978

Source: Lawrence Berkeley Laboratory and Labor Area Research Department

Table 46

Economically Disadvantaged
18 Years and Over
Hampden County Consortium
Fiscal Year 1983

Group	Number	Percent of Total
Total	30,497	100.0
White	23,880	78.3
Nonwhite	6,617	21.7

Source: Lawrence Berkeley Laboratory and Labor Area Research Department

Table 47

Estimates of Part-Time Employment for Economic Reasons
Hampden County Consortium
Fiscal Year 1983

Group	Total	Male	Female
Total	8,870	3,987	4,883
White	7,292	3,216	4,076
Nonwhite	1,578	771	807

Source: Lawrence Berkeley Laboratory and Labor Area Research Department

Table 48

Estimate of Workers 18 Years and Over
Employed Part-Time for Economic Reasons
Pittsfield Labor Market Area

Group	Both Sexes	Male	Female
Total	2,869	1,300	1,569
White	2,617	1,177	1,440
Other	252	123	129

Source: Lawrence Berkeley Laboratory and Labor Area Research Department

Table 49

Economically Disadvantaged Persons
18 Years and Over
Pittsfield Labor Market Area

Group	Number
Total	11,782
White	11,414
Black	349
Other	19

Source: Lawrence Berkeley Laboratory and Labor Area Research Department

Table 50

Estimate of Workers 18 Years and Over
Employed Part-Time for Economic Reasons
Pittsfield Consortium

Group	Both Sexes	Male	Female
Total	3,331	1,526	1,805
White	3,013	1,368	1,645
Other	318	158	160

Source: Lawrence Berkeley Laboratory and Labor Area Research Department

Table 51

Economically Disadvantaged Persons
18 Years and Over
Pittsfield Consortium

Group	Number
Total	13,103
White	12,676
Black	405
Other	22

Source: Lawrence Berkeley Laboratory and Labor Area Research Department

VIII. Training Programs

Bay State Skills Corporation

The Bay State Skills Corporation (BSSC) is a state funded organization created in 1981 to provide matching grants to train Massachusetts citizens for jobs in growing private sector industries. A major aim of BSSC programs is to create ongoing partnerships between businesses and academic institutions. The BSSC provides funds for training in such occupations as machine operators, nuclear medicine technologists, tool and die makers, respiratory therapy technicians, registered and licensed practical nurses, and electronic technicians.

The BSSC has targeted certain groups to be primary recipients of job training. These include economically disadvantaged youth age 16 to 21 who live in urban areas. This group's high unemployment rate is of concern when considering job training strategies. The program will also provide money for job training of public employees who are among at least 50 persons in a locality whose jobs were eliminated because of Proposition 2½. State residents formerly employed by private companies are eligible for job training if they are one of at least 75 workers who have lost their jobs permanently because of layoffs, shutdowns, or a natural catastrophe involving one or several employers in an area. Finally, individuals receiving public assistance from the state, including recipients of Aid to Families with Dependent Children, are also eligible for job training under the state program.

The Career and Learning Line (CALL)

The Bay State Skills Corporations and the Massachusetts Occupational Information Coordinating Committee are sponsoring a telephone hotline with up to date career and educational information entitled "The Career and Learning Line" (CALL). This service went into effect on April 5, 1982, and offers descriptive information on over 400 different occupations along with specifics on educational and skills training programs available statewide. CALL will operate weekdays from 9:AM to 5:PM. To reach CALL dial 523-7617 in the Greater Boston Area; outside of Boston dial toll free; 1-800-882-2037.

Work and Training Program (WTP)

The Massachusetts Division of Employment Security entered into the Work and Training Program (WTP) on April 12, 1982. This program is designed to assist recipients of Aid to Families with Dependent Children (AFDC) in obtaining employment. Under WTP, DES Job Club Centers will be providing the following basic job search services:

Group Job Search (Job Club)
Individual Employment Search (IES)
Independent Job Search (IJS)

Two of the above three services (Job Club, IES) are intensive five week structured job seeking activities intended to be provided on an "up front" basis shortly after the initial registration, before an individual is assessed for work experience or training). The third (IJS) is administered after an individual has been unsuccessful in his/her initial five week job search efforts, has been reassessed by the Welfare Department, and has subsequently been returned to the DES Job Club Center for additional job search services.

During their initial five weeks in Job Clubs, or IES, WTP registrants are taught successful job search techniques, as well as given support and encouragement from Job Club leaders or IES counselors. IJS, while not as intensive or structured as Job Club or IES, gives WTP registrants a further opportunity to utilize their recently acquired job search skills over an extended period of time, under the guidance of a Job Club Center staff person.

Vocational Rehabilitation Training

One of the goals of the Massachusetts Division of Employment Security is to find suitable training and employment opportunities for the physically and emotionally handicapped. On a referral basis, the Division works closely with the Massachusetts' Rehabilitation Commission (MRC) towards this end. The Rehabilitation Commission will work both with the client and prospective employer to overcome barriers to gainful employment. The MRC helps employers hire the handicapped by providing:

a. a screened and tested job-ready applicant.
b. a job follow-along by professional counselors.
c. a partial reimbursement for on-the-job training
d. help with any problems ranging from architectural barriers to compliance with affirmative action.
e. the expertise of counselors as consultants.

The Morgan Memorial Goodwill Industries is another avenue through which the handicapped can become employed. Morgan Memorial has found that the handicapped can perform many tasks for industry such as: packaging, assembly, salvaging, manufacturing, mailing, crimping, grommeting, color coding, weaving, sorting, bar sealing, preforming electronic components, inspection, and shipping. These tasks and others can be performed well at a labor saving cost to industry, while providing employment and training to the handicapped. It is important for business to realize the benefits of this service in order to keep the handicapped in Morgan Memorial Goodwill Industries working and developing skills. This process may ultimately lead to the handicapped person taking his place in the workforce by being able to secure a job on his own.

Table 52

Post-Secondary Training Institutions
in the Western Region, Massachusetts

A. Four Year Private Institutions
- American International College, Springfield
- Amherst College, Amherst
- College of Our Lady of the Elms, Chicopee
- Hampshire College, Amherst
- Mount Holyoke College, South Hadley
- Smith College, Northampton
- Springfield College, Springfield
- Western New England College, Springfield
- Williams College, Williamstown

B. Four Year Public Institutions
- North Adams State College, North Adams
- University of Massachusetts, Amherst
- Westfield State College, Westfield

C. Two Year Private Institution
- Bay Path Junior College, Longmeadow

D. Two Year Public Institutions
- Berkshire Community College, Pittsfield
- Greenfield Community College, Greenfield
- Holyoke Community College, Holyoke
- Springfield Technical Community College, Springfield

E. Schools of Nursing Diploma Programs
- Bay State Medical Center, Springfield

F. Practical Nursing Programs
- William J. Dean Vocational School, Holyoke
- Charles H. McCann Technical School, North Adams
- Roger L. Putnam Vocational Technical School, Springfield
- Smith's Vocational High School, Northampton
- Western Massachusetts Hospital, Westfield

Table 52

Post-Secondary Training Institutions
in the Western Region, Massachusetts
(continued)

G. Career/Technical Schools

Bookkeeping Service and Workshop, East Longmeadow
Brom's Barber School, Springfield
Business Education Institute, West Springfield
Central Travel Bureau, Springfield
Greater Springfield Board of Realtors License Examination School, Springfie
Hallmark Institute of Photography, Turner Falls
Real Estate Salesman School, Chicopee
Skills, Amherst
Smith & Wesson Academy, Springfield
St. John's School of Business, West Springfield
Richard Thomas Real Estate, West Springfield
United Technical School, Springfield

JOB MATCHING SERVICES

JOB MATCHING SERVICES are provided to Massachusetts workers through a network of more than 38 full-service DES Job Matching Centers and mini-offices located throughout the State. Each office provides a variety of services geared to help a wide range of workers including those who are job-ready and those who need assistance in making vocational choices or changes. DES Job Matching Centers are listed in the yellow pages telephone directory -- Employment Agency listings -- under "Employment Security".

JOB MATCHING CENTERS are staffed by professional placement interviewers and employment counselors. Job orders received from employers in Massachusetts and other states are listed on a computerized job bank. Local centers receive job orders on film and new jobs are listed on a daily basis. In many offices viewers are available so that job seekers may look at job listings which are complete except for employers' names. Jobs listed are in a variety of occupations and industries, from entry-level jobs to managerial, clerical, technical and professional openings.

VOCATIONAL COUNSELING AND TESTING services are available by appointment in all full-service Job Matching Centers. DES counselors will assist workers who need to make career choices, provide current job market information and assist with job search strategies, such as job interviews and resume-writing. Aptitude and clerical proficiency tests may be available in these offices to help job seekers assess their abilities and skills, Job Search Workshops - focusing on how to write resumes and the correct way to handle a job interview are now conducted in many DES Job Matching Centers.

JOB FAIRS AND JOB RECRUITMENT activities are frequently planned by Job Matching Centers. Job fairs may be organized by DES independently or in cooperation with local organizations such as the Chamber of Commerce, schools or employers. Many employers use the local Job Matching Centers for on-site recruitments to fill jobs when there are a large number of openings available. These events -- job fairs, special recruitments and career days -- benefit job seekers by exposing them to many job openings and by affording them the opportunity to be interviewed by a variety of employers at one location.

COMPUTER - ASSISTED JOB MATCHING is available in a number of Job Matching Centers. The qualifications of each job seeker are entered into the computer system and are matched daily against all job orders received by employers. A print-out is received the following day with a list of qualified applicants, who best meet the employer's specifications, for each job order. The local Job Matching Center then contacts applicants to arrange for interviews.

PLACEMENT SPECIALISTS ARE ASSIGNED to each full-service Job Matching Center to help job seekers with special concerns and needs. Handicapped workers, older workers, veterans and youth, have available trained interviewers or counselors with whom they can consult on job search activities. These specialists have information on special programs when appropriate and on available training and job placement programs.

DIVISION OF EMPLOYMENT SECURITY YOUTH SERVICES

THE YOUTH BRIDGE PROGRAM has been developed by the Massachusetts Division of Employment Security (DES) to help youth to make the transition from school to work. DES staff members work with young people while they are in school helping them to learn about the job market and to develop job search skills. There are three principal components to the DES Youth Bridge Program.

THE IN-SCHOOL JOB MATCHING PROJECT is a Statewide program currently providing services to 25 Massachusetts high schools. DES placement specialists are located in the high schools, usually on a full-time basis, to provide job matching services to students graduating and entering the full-time job market; needing part-time jobs after school; looking for summer jobs. DES specialists provide employment counseling, job market information, job referrals and development of job opportunities. While the In-School Program is targeted to graduating students who will not be continuing their educations, counseling and placement services are also available to help potential high school dropouts find full-time jobs. During the past fiscal year, more than 4500 students were placed in jobs by the DES in-School Program.

THE HIGH SCHOOL GRADUATES INITIATIVE was started in 1981 by DES to help high school seniors throughout Massachusetts make the transition from school to work. DES Job Matching Centers actively worked with 220 of the 303 Massachusetts high schools; 6100 seniors, who were going directly from school to full-time jobs, were registered to receive job placement services from DES. Services provided by DES ranged from interviews on-site at the schools, job workshops, career days, employment counseling, vocational testing, and job referrals. Eleven percent of Massachusetts high school seniors entering the labor market - more than 2300 students - were placed in jobs during the past fiscal year.

THE YOUTH SUMMER JOBS PROGRAM begins in early spring and continues through the summer months. In 1981 more than 8550 young people were helped to find summer employment by DES. Job Matching Center staff members help to place people in private sector summer jobs and in the State summer jobs program, primarily with the Metropolitan District Commission and the Department of Environmental Management.

DES has also offered summer work experience to high school guidance counselors who wish to learn more about the current and future job market and about employment counseling and placement services available to high school youth through DES. Through this innovative program, during the past three summers, DES has forged closer working relationships with 120 school guidance counselors.

DES JOB MATCHING CENTERS provide a variety of services to any young person needing assistance in making career choices or finding employment. DES full-service offices offer employment counseling, vocational testing, job market information, job search workshops, job listings and job referrals.

More information on DES youth programs is available at any DES Job Matching Center, or by calling the Youth Services Division at 727-6580.

JOB SEARCH RESOURCES

There are many resources available to help you in your job search. These may include organizations and publications that you have not considered and which are readily available at little or no cost.

Depending on your past job experience and your future career plans some of the resources below may be more appropriate for you than others. Look at all your options, make a career plan, and begin the full-time job of finding a job. Good luck!

U.S. DEPARTMENT OF LABOR publications can be found in libraries, guidance departments and in Division of Employment Security (DES) Job Matching Centers throughout Massachusetts. These publications include:

Occupational Outlook Handbook, U.S. Department of Labor; a major source of vocational guidance information for hundreds of occupations. Describes what workers do on the job, salary requirements and future availability of jobs.

Occupational Outlook Quarterly, U.S. Department of Labor; a periodical to help job seekers keep abreast of occupational employment developments. Contains articles on emerging occupations, training opportunities and career counseling programs.

Dictionary of Occupational Titles, U. S. Department of Labor; provides up-to-date descriptions for the majority of occupations, and characteristics of most jobs.

Occupational Outlook for College Graduates, U. S. Department of Labor; a publication with information about more than 100 jobs that require education beyond high school.

Employment Outlook for College Graduates in New England, U. S. Department of Labor; current information about job openings furnished by placement directors from a representative sample of New England schools.

While the titles of some of these publications may indicate they are targeted to recent college graduates, these booklets contain valuable job market information for people making job changes and doing career planning.

DES JOB MARKET RESEARCH publications - include data on the occupational and industrial outlook in Massachusetts and on employment rates in the State's major cities and labor market areas. These publications are mailed to libraries and schools and ar available in DES Job Matching Centers. They include:

Employment Requirements By Occupation, By Industry, Occupational/Industry Research publication, Massachusetts Division of Employment Security; this report forecasts the job outlook in Massachusetts through 1985.

"Put Your Knowledge to Work" -- A Job Market Guide for Liberal Arts Graduates explains which occupations look promising for recent college graduates. The guide provides an industrial profile of Massachusetts, a list of some of the State's largest employers as well as an overview of the fields that offer liberal arts graduates the best job opportunities.

CLASSIFIED ADVERTISEMENTS are an excellent source of career information. In addition to newspaper classified advertisements, similar help-wanted ads appear in professional journals and trade publications. Newspaper classified ads will provide you with a broad range of job openings and an overall view of the current job market in a particular geographical area. Advertisements in professional and trade journals provide job market information in a particular career field. Depending on the distribution of the journal, these openings may be statewide, regional or nationwide. Job seekers can obtain a great deal of information through the analysis of these ads: salary ranges, current job requirements such as education and experience, industries in which jobs are available, and geographical locations.

YELLOW PAGES of the telephone directory, along with industrial and Chamber of Commerce directories list names of firms in various industries that may have jobs open. These directories can be extremely helpful for job seekers who want to develop their own jobs as opposed to responding to help wanted advertisements. The telephone company may have yellow pages directories for major cities in Massachusetts and other states, and libraries usually have copies of Industrial and Chambers of Commerce directories.

SCHOOL, COLLEGE, TRADE UNION AND PROFESSIONAL associations may have jobs listed with them by alumni or members. These sources provide good job leads for people interested in jobs in a particular field or with a particular industry.

DES JOB MATCHING SERVICES are available to all job seekers through a network of more than 42 full-service Job Matching Centers and mini-offices located throughout the State. Placement interviewers and employment counselors will help people to find jobs and will work with individuals who need help in making vocational choices or changes. Computer-assisted job matching is available in a number of offices to provide even more efficient placement services. In many DES Job Matching Centers self-service units are available to job seekers. Microfiche viewers in these units have listings of jobs open statewide. These listings are an excellent source of job market information and can be viewed independently of seeing a placement interviewer. DES Job Matching Centers are listed in the yellow pages telephone directory -- Employment agency listings -- under Employment Security.

A P P E N D I X

Table 53

Nonagricultural Wage & Salary Employment (1981 Benchmark)
Springfield-Chicopee-Holyoke LMA & Massachusetts
1981 - Annual Averages
(in thousands)

Major Industry Division	Springfield-Chicopee-Holyoke LMA Employment	State Employment	S-C-H LMA Emp. as % of State Employment
Total Nonagricultural Employment	235.1	2,654.1	8.9
Construction	6.1	78.3	7.8
Manufacturing	63.6	666.8	9.5
Transportation & Public Utilities	9.3	119.8	7.8
Wholesale & Retail Trade	48.2	575.1	8.4
Finance, Insurance & Real Estate	13.4	164.0	8.2
Services	48.0	663.6	7.2
Government	46.5	386.5	12.0

Source: Current Employment Statistics Program

Table 54

Total Employment-for 48 Selected 3-digit SIC Industries 1/
S-C-H LMA and Massachusetts - 1981 Annual Averages

SIC	Name of Industry	Springfield-Chicopee-Holyoke LMA Employment	State Employment	S-C-H LMA Employment, as % of State Employment
	Manufacturing			
202	Dairy Products	1,375	4,971	27.7
262	Paper, Mills, except Bldg. Paper	1,205	5,628	21.4
264	Misc. Converted Paper Prods.	4,440	12,574	35.3
265	Paperboard Containers & Boxes	1,595	8,181	19.5
271	Newspapers	1,702	13,219	12.9
275	Commercial Printing	1,184	14,751	8.0
278	Blankbooks & Bookbinding	2,306	4,995	46.2
282	Plastic Materials & Synthetics 2/	2,254	5,522	40.8
307	Misc. Plastic Products	2,094	21,885	9.6
342	Cutlery, Hand Tools, & Hardware	1,657	11,388	14.6
346	Metal Forgings & Stampings	1,168	6,265	18.6
348	Ordnance & Accessories	3,453	5,613	61.5
354	Metalworking Machinery	1,997	18,132	11.0
355	Special Industry, Machinery	1,749	16,287	10.7
356	General Industrial Machinery	1,705	9,074	18.8
357	Office & Computing Machines 2/	1,975	49,307	4.0
359	Misc. Machinery, except Electrical	1,062	8,556	12.4
367	Electronic Components & Accessories	1,952	50,115	3.9
371	Motor Vehicles & Equipment 2/	1,628	5,763	28.2
394	Toys & Sporting Goods	4,167	7,492	55.6
Total		40.668	279,718	14.5
	Transportation, Communications, & Utilities			
415	School Buses	956	6,077	15.7
481	Telephone Communications	1,982	31,445	6.3
Total		2,938	37,522	7.8
	Wholesale Trade			
508	Machinery, Equipment & Supplies	2,464	26,844	9.2
514	Groceries & Related Products	1,121	20,558	5.5
Total		3,585	47,402	7.6

Table 54
Total Employment-for 48 Selected 3-digit SIC Industries
S-C-H LMA and Massachusetts - 1981 Annual Averages
(continued)

SIC	Name of Industry	Springfield-Chicopee Holyoke LMA Employment	State Employment	S-C-H LMA Employment, as % of State Employment
	Retail Trade			
531	Department Stores	5,169	53,612	9.6
541	Grocery Stores	6,096	65,868	9.3
551	New & Used Car Dealers	1,568	17,197	9.1
554	Gasoline Service Stations	1,404	13,806	10.2
562	Women's Ready to Wear Stores	994	11,732	8.5
581	Eating & Drinking Places	11,841	144,248	8.2
591	Drug Stores & Proprietary Stores	1,255	14,626	8.6
592	Liquor Stores	1,012	8,364	12.1
594	Misc. Shopping Goods Stores	1,755	21,143	8.3
Total		31,094	350,596	8.9
	Finance, Ins. & R.E.			
602	Commercial Stock Savings Banks	2,529	35,615	7.1
603	Mutual Savings Banks	1,428	13,001	11.0
631	Life Insurance	3,778	26,759	14.1
641	Insurance Agents, Brokers & Service	1,148	15,051	7.6
Total		8,883	90,426	9.8
	Services			
701	Hotels, Motels & Tourist Courts	1,538	21,679	7.1
734	Services to Bldgs.	1,103	15,287	7.2
736	Personnel Supply Services	1,391	26,738	5.2
739	Misc. Business Services	2,918	47,657	6.1
801	Offices of Physicians	1,732	17,741	9.8
805	Nursing & Personal Care Facilities	3,591	46,143	7.8
806	Hospitals	9,402	121,394	7.7
809	Health & Allied Services, NEC	1,405	6,022	23.3
822	Colleges & Universities	4,547	63,377	7.2
839	Social Services	1,416	9,466	15.0
864	Civic & Social Associations	1,061	10,358	10.2
Total		30,104	385,862	7.8
Grand Total		117,272	1,191,526	9.8

Source - ES-202 Report of Employment & Wages

1/ Preliminary

2/ Permission was received to release employment data for these industries.

Table 55

Employment for Selected 3-Digit SIC Industries 1/
Springfield-Chicopee-Holyoke LMA
1981 - Annual Average

SIC	Selected 3-Digit Industries	1977 Units	1977 Employment	1978 Units	1978 Employment	% Change 1977 1978	1979 Units	1979 Employment	% Change 1978 1979	1980 Units	1980 Employment	% Change 1979 1980	1981 2/ Units	1981 Employment	% Change 1980 1981	Absolute Change 1977 1981	% Change 1977 1981
	Manufacturing																
202	Dairy Products	13	1,035	15	1,196	+15.6	12	1,263	+ 5.6	10	1,360	+ 7.7	10	1,375	+ 1.1	+340	+32.9
262	Paper Mills, Except Building Paper	13	1,350	12	1,331	- 1.4	11	1,430	+ 7.4	10	1,266	-11.5	10	1,205	- 4.8	-145	-10.7
264	Misc. Converted Paper Products	26	4,438	26	4,746	+ 6.9	29	4,502	- 5.1	32	4,517	+ 0.3	29	4,440	- 1.7	+ 2	+ 0.04
265	Paperboard Containers & Boxes	18	1,520	19	1,423	- 6.4	20	1,536	+ 7.9	20	1,562	+ 1.7	19	1,595	+ 2.1	+ 75	+ 4.9
271	Newspapers	19	1,484	20	1,656	+11.6	17	1,621	- 2.1	16	1,645	+ 1.5	15	1,702	+ 3.5	+218	+14.7
275	Commercial Printing	81	1,188	84	1,210	+ 1.9	84	1,281	+ 5.9	82	1,204	- 6.0	82	1,184	- 1.7	- 4	- 0.3
278	Blankbooks & Bookbinding	11	2,018	11	2,290	+13.5	12	2,507	+ 9.5	13	2,402	- 4.2	14	2,306	- 4.0	+288	+14.3
282	Plastic Materials & Synthetics 3/	8	2,375	7	2,352	- 1.0	6	2,341	- 0.5	6	2,343	+ 0.1	6	2,254	- 3.8	-121	- 5.1
307	Misc. Plastic Products	38	1,652	36	1,763	+ 6.7	39	1,918	+ 8.8	41	1,992	+ 3.9	42	2,094	+ 5.1	+442	+26.8
342	Cutlery, Hand Tools and Hardware	17	2,070	19	2,221	+ 7.3	13	1,761	-20.7	14	1,665	- 5.5	14	1,657	- 0.5	-413	-20.0
346	Metal Forgings and Stampings	13	1,488	13	1,406	- 5.5	14	1,432	+ 1.8	14	1,250	-12.7	14	1,168	- 6.6	-320	-21.5
348	Ordnance & Accessories	6	3,110	7	3,097	- 0.4	7	3,281	+ 5.9	4	3,599	+ 9.7	4	3,453	- 4.1	+343	+11.0
354	Metalworking Machinery	93	1,524	93	1,829	+20.0	97	1,983	+ 8.4	94	2,011	+ 1.4	96	1,979	- 0.7	+473	+31.0
355	Special Industry Machinery	25	1,696	26	1,812	+ 6.8	26	1,789	- 1.3	26	1,828	+ 2.2	24	1,749	- 4.3	+ 53	+ 3.1
356	General Industrial Machinery	20	1,779	21	2,057	+15.6	20	2,139	+ 4.0	19	1,972	- 7.8	17	1,705	-13.5	- 74	- 4.2
357	Office & Computing Machines 3/	4	2,091	4	1,877	-10.2	5	1,986	+ 5.8	6	2,135	+ 7.5	7	1,975	- 7.5	-116	- 5.5
359	Misc. Machinery, Except Electrical	65	894	74	995	+11.3	77	1,032	+ 3.7	88	1,040	+ 0.8	95	1,062	+ 2.1	+168	+18.8
367	Electronic Components & Accessories	11	1,611	13	1,573	- 2.4	14	1,763	+12.1	15	1,836	+ 4.1	12	1,952	+ 6.3	+341	+21.2
371	Motor Vehicles & Equipment 3/	4	1,444	5	1,505	+ 4.2	4	1,585	+ 5.3	4	1,645	+ 3.8	5	1,628	- 1.0	+184	+12.7
394	Toys & Sporting Goods	9	3,865	10	3,944	+ 2.0	9	4,499	+14.1	10	4,997	+11.1	10	4,167	-16.6	+302	+ 7.8
	Totals	494	38,632	515	40,283	+ 4.3	516	41,649	+ 3.4	524	42,269	+ 1.5	525	40,668	- 3.8	+2,036	+ 5.3
	Transportation, Communications, Electric, Gas, Sanitary Services																
415	School Buses	28	732	29	790	+ 7.9	27	903	+14.3	26	914	+ 1.2	27	956	+ 4.6	+224	+30.6
481	Telephone Communication	14	2,177	14	2,111	- 3.0	14	2,216	+ 5.0	14	2,053	- 7.4	14	1,982	- 3.5	-195	- 9.0
	Totals	42	2,909	43	2,901	- 0.3	41	3,119	+ 7.5	40	2,967	- 4.9	41	2,938	- 1.0	+ 29	+ 1.0
	Wholesale Trade																
508	Machinery, Equipment & Supplies	150	1,541	156	1,805	+17.1	165	2,199	+21.8	177	2,395	+ 8.9	175	2,464	+ 2.9	+923	+59.9
514	Groceries & Related Products	87	1,101	84	1,149	+ 4.4	84	1,092	- 5.0	83	1,100	+ 0.7	80	1,121	+ 1.9	+ 20	+ 1.8
	Totals	357	2,642	240	2,954	+11.8	249	3,291	+11.4	260	3,495	+ 6.2	255	3,585	+ 2.6	+943	+35.7

Table 59

Employment for Selected 3-Digit SIC Industries 1/
Springfield-Chicopee-Holyoke LMA
1981 - Annual Average
(continued)

SIC	Selected 3-Digit Industries	1977 Units	1977 Employment	1978 Units	1978 Employment	% Change 1977 1978	1979 Units	1979 Employment	% Change 1978 1979	1980 Units	1980 Employment	% Change 1979 1980	1981 2/ Units	1981 2/ Employment	% Change 1980 1981	Absolute Change 1977-1981	% Change 1977 1981
	Retail Trade																
531	Department Stores	33	4,401	137	4,934	+12.1	42	5,247	+ 6.3	41	5,269	+ 0.4	41	5,169	- 1.9	+ 768	+17.5
541	Grocery Stores	257	5,979	244	5,728	- 4.2	270	5,889	+ 2.8	250	5,851	- 0.6	231	6,096	+ 4.2	+ 117	+ 2.0
551	New & Used Car Dealers	90	1,871	79	1,854	- 0.9	82	1,809	- 2.4	78	1,611	-10.9	74	1,568	- 2.7	- 303	-16.2
554	Gasoline Service Stations	311	1,655	278	1,701	+ 2.8	281	1,326	-22.0	244	1,303	- 1.7	235	1,404	+ 7.8	- 251	-15.2
562	Women's Ready-to-Wear Stores	7	822	74	822	0	88	1,095	+24.1	79	1,033	- 5.7	79	994	- 3.8	+ 112	+12.7
581	Eating & Drinking Places	830	10,302	834	11,098	+ 7.7	885	11,420	+ 2.9	834	12,023	+ 5.3	841	11,841	- 1.5	+1,539	+14.9
591	Drug Stores & Proprietary Stores	170	1,315	168	1,375	+ 4.6	166	1,311	- 4.7	154	1,284	- 2.1	156	1,255	- 2.3	- 60	- 4.6
592	Liquor Stores	143	908	141	889	- 2.1	143	939	+ 5.6	143	982	+ 4.6	135	1,012	+ 3.1	+ 104	+11.5
594	Misc. Shopping Goods Stores	225	1,598	234	1,665	+ 4.2	255	1,769	+ 6.2	251	1,825	- 3.2	254	1,755	- 3.8	+ 157	+ 9.8
	Totals	2,066	28,911	2,089	30,126	+ 4.2	2,212	30,805	+ 2.3	2,074	31,191	+ 1.3	2,046	31,094	- 0.3	+2,183	+ 7.6
	Finance, Insurance & Real Estate																
602	Commercial & Stock Savings	37	2,240	39	2,239	- 0.04	39	2,341	+ 4.6	39	2,406	+ 2.8	39	2,529	+ 5.1	+ 289	+12.9
603	Mutual Savings Banks	31	1,287	40	1,343	+ 4.4	39	1,358	+ 1.1	38	1,412	+ 4.0	39	1,428	+ 1.1	+ 141	+11.0
631	Line Insurance	21	3,222	21	3,425	+ 6.3	23	3,517	+ 2.7	24	3,680	+ 4.6	23	3,778	+ 2.7	+ 556	+17.3
641	Insurance Agents, Brokers & Service	184	862	182	943	+ 9.4	189	1,082	+14.7	178	1,174	+ 8.5	180	1,148	- 2.2	+ 286	+33.2
	Totals	273	7,611	282	7,950	+ 4.5	290	8,298	+ 4.4	279	8,672	+ 4.5	281	8,883	+ 2.4	+1,272	+16.7
	Services																
701	Hotels, Motels & Tourist Courts	66	1,473	64	1,484	+ 0.7	64	1,514	+ 2.0	60	1,511	- 0.2	55	1,538	+ 1.8	+ 65	+ 4.4
734	Services to Buildings	76	1,045	78	1,130	+ 8.1	78	1,124	- 0.5	71	1,135	+ 1.0	74	1,103	- 2.8	+ 58	+ 5.6
736	Personnel Supply Services	28	859	34	1,067	+24.2	36	1,258	+17.9	39	1,408	+11.9	39	1,391	- 1.2	+ 532	+61.9
739	Misc. Business Services	132	2,441	147	2,541	+ 4.1	165	2,573	+ 1.3	165	2,694	+ 4.7	180	2,918	+ 8.3	+ 477	+19.5
801	Offices of Physicians	350	1,500	366	1,580	+ 5.3	380	1,650	+ 4.4	372	1,663	+ 0.8	380	1,732	+ 4.1	+ 232	+15.5
805	Nursing & Personal Care Facilities	52	2,874	53	3,305	+15.0	52	3,374	+ 2.1	47	3,174	- 5.9	51	3,591	+13.1	+ 717	+24.9
806	Hospitals	9	8,529	9	8,515	+ 0.2	9	8,626	+ 1.3	9	8,981	+ 4.1	9	9,402	+ 4.7	+ 873	+10.2
809	Health & Allied Services, NEC	15	809	14	1,045	+29.2	13	1,098	+ 5.1	11	1,254	+14.2	13	1,405	+12.0	+ 596	+73.7
822	College & Universities	13	4,331	11	4,154	- 4.1	10	4,048	- 2.6	9	4,166	+ 2.9	10	4,547	+ 9.1	+ 216	+ 5.0
839	Social Services	35	481	39	616	+28.1	43	745	+20.9	50	1,261	+69.3	48	1,416	+12.3	+ 935	+194.4
864	Civic & Social Associations	121	1,072	126	1,144	+ 6.7	126	1,166	+ 1.9	124	1,294	+11.0	119	1,061	-18.0	- 11	- 1.0
	Totals	897	25,414	941	26,581	+ 4.6	976	27,176	+ 2.2	957	28,541	+ 5.0	978	30,104	+ 5.5	+4,690	+18.5
	Grand Totals	4,009	106,119	4,110	110,795	+ 4.4	4,284	114,338	+ 3.2	4,134	117,135	+ 2.4	4,126	117,272	+ 0.1	+11,153	+10.5

Source: ES-202 Report of Employment and Wages
1/ Figures for prior years were revised when necessary to eliminate the effect of changes due to industry recoding.
2/ Preliminary
3/ Permission was received to release employment data for these Industries.

Table 56
Occupational Employment Profiles by Major Occupational Category 2/
for 48 Selected 3-Digit SIC Industries
Springfield-Chicopee-Holyoke LMA
1981 Annual Average

Occupation 3-Digit Industry Name	Dairy Products (SIC-202)		Paper Mills, Except Bldg. Paper (SIC-262)		Misc. Converted Paper Prods. (SIC-264)		Paperboard Containers & Boxes (SIC-265)		Newspapers (SIC-271)	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Employment	1,375	100.0	1,205	100.0	4,440	100.0	1,595	100.0	1,702	100.0
Managers & Officers	138	10.0	61	5.1	351	7.9	70	4.4	116	6.8
Professional	73	5.3	51	4.2	286	6.4	34	2.1	322	18.9
Technical	17	1.2	16	1.3	157	3.5	1/	-	10	0.6
Services	25	1.8	16	1.3	109	2.5	21	1.3	75	4.4
Maintenance & Production	763	55.5	892	74.0	2,632	59.3	1,215	76.2	693	40.7
Clerical	287	20.9	136	11.3	668	15.0	186	11.7	317	18.6
Sales	73	5.3	33	2.7	235	5.3	65	4.1	172	10.1

Table 56
Occupational Employment Profiles by Major Occupational Category 2/
for 48 Selected 3-Digit SIC Industries
Springfield-Chicopee-Holyoke LMA
1981 Annual Average
(continued)

Occupation 3-Digit Industry Name	Metal Forgings & Stampings (SIC 346)		Ordnance & Accessories (SIC 348)		Metalworking Machinery (SIC-354)		Special Industry Machinery (SIC-355)		General Ind. Machinery (SIC-356)	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Employment	1,168	100.0	3,453	100.0	1,997	100.0	1,749	100.0	1,705	100.0
Managers & Officers	90	7.7	81	2.3	130	6.5	161	9.2	164	9.6
Professional	47	4.0	156	4.5	96	4.8	231	13.2	133	7.8
Technical	11	0.9	56	1.6	46	2.3	171	9.8	90	5.3
Services	19	1.6	94	2.7	66	3.3	28	1.6	20	1.2
Maintenance & Production	877	75.1	2,677	77.5	1,364	68.3	783	44.8	997	58.5
Clerical	103	8.8	344	10.0	246	12.3	329	18.8	261	15.3
Sales	22	1.9	31	0.9	50	2.5	46	2.6	39	2.3

Table 56

Occupational Employment Profiles by Major Occupational Category 2/
for 48 Selected 3-Digit SIC Industries
Springfield-Chicopee-Holyoke LMA
1981 Annual Average
(continued)

Occupation 3-Digit Industry Name	Commercial Printing (SIC-275)		Blankbooks & Bookbinding (SIC-278)		Plastic Materials & Synthetics (SIC-282)		Misc. Plastic Products (SIC-307)		Cutlery, Hand Tools & Hardware (SIC-342)	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Employment	1,184	100.0	2,306	100.0	2,254	100.0	2,094	100.0	1,657	100.0
Managers & Officers	128	10.8	88	3.8	174	7.7	151	7.2	111	6.7
Professional	30	2.5	30	1.3	169	7.5	61	2.9	68	4.1
Technical	1/	-	16	0.7	70	3.1	15	0.7	18	1.1
Services	14	1.2	21	0.9	56	2.5	25	1.2	31	1.9
Maintenance & Production	789	66.6	1,997	86.6	1,343	59.6	1,579	75.4	1,215	73.3
Clerical	174	14.7	125	5.4	354	15.7	214	10.2	192	11.6
Sales	42	3.5	28	1.2	90	4.0	50	2.4	20	1.2

Table 56

Occupational Employment Profiles by Major Occupational Category 2/
for 48 Selected 3-Digit SIC Industries
Springfield-Chicopee-Holyoke LMA
1981 Annual Average
(continued)

Occupation 3-Digit Industry Name	Office & Computing Machines (SIC-357)		Misc Machines except Electrical (SIC-359)		Electronic Components & Accessories (SIC-367)		Motor Vehicles & Equipment (SIC-371)		Toys and Sporting Goods (SIC-394)	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Employment	1,975	100.0	1,062	100.0	1,952	100.0	1,628	100.0	4,167	100.0
Managers & Officers	195	9.9	89	8.4	175	9.0	42	2.6	150	3.6
Professional	474	24.0	43	4.0	390	20.0	32	2.0	117	2.8
Technical	257	13.0	20	1.9	213	10.9	17	1.0	75	1.8
Services	28	1.4	12	1.1	27	1.4	70	4.3	65	1.6
Maintenance & Production	595	30.1	771	72.6	795	40.7	1,403	86.2	3,229	77.5
Clerical	406	20.6	102	9.6	327	16.8	57	3.5	496	11.9
Sales	19	1.0	25	2.4	23	1.2	1/	-	35	0.8

Table 56

Occupational Employment Profiles by Major Occupational Category 2/
for 48 Selected 3-Digit SIC Industries
Springfield-Chicopee-Holyoke LMA
1981 Annual Average
(continued)

Occupation 3-Digit Industry Name	School Buses (SIC-415)		Telephone Communication (SIC-481)		Machinery Equipment & Supplies (SIC-508)		Groceries & Related Products (SIC-514)		Dept. Stores (SIC-531)	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Employment	956	100.0	1,982	100.0	2,464	100.0	1,121	100.0	5,169	100.0
Managers & Officers	28	2.9	245	12.4	202	8.2	101	9.0	295	5.7
Professional	1/	-	16	0.8	177	7.2	27	2.4	133	2.6
Technical	1/	-	14	0.7	168	6.8	1/	-	1/	-
Services	1/	-	23	1.2	15	0.6	85	7.6	385	7.4
Maintenance & Production	893	93.4	810	40.9	589	23.9	439	39.2	522	10.1
Clerical	26	2.7	863	43.5	717	29.1	293	26.1	1,661	32.1
Sales	1/	-	11	0.6	594	24.1	168	15.0	2,170	42.0

Table 56

Occupational Employment Profiles by Major Occupational Category 2/
for 48 Selected 3-Digit SIC Industries
Springfield-Chicopee-Holyoke LMA
1981 Annual Average
(continued)

Occupation 3-Digit Industry Name	Life Insurance (SIC-631)		Ins. Agents, Brokers & Services (SIC-641)		Hotels, Motels & Tourist Courts (SIC-701)		Services to Bldgs. (SIC-734)		Personnel Supply Services (SIC-736)	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Employment	3,778	100.0	1,148	100.0	1,538	100.0	1,103	100.0	1,391	100.0
Managers & Officers	518	13.7	170	14.8	85	5.5	45	4.1	22	1.6
Professional	586	15.5	84	7.3	28	1.8	1/	-	185	13.3
Technical	106	2.8	1/	-	1/	-	1/	-	167	12.0
Services	87	2.3	15	1.3	1,041	67.7	993	90.0	577	41.5
Maintenance & Production	64	1.7	1/	-	106	6.9	38	3.4	102	7.3
Clerical	1,889	50.0	696	60.6	260	16.9	14	1.3	324	23.3
Sales	533	14.1	178	15.5	15	1.0	1/	-	14	1.0

Table 56
Occupational Employment Profiles by Major Occupational Category 2/
for 48 Selected 3-Digit SIC Industries
Springfield-Chicopee-Holyoke LMA
1981 Annual Average
(continued)

Occupation 3-Digit Industry Name	Drug Stores & Proprietary Stores (SIC-591)		Liquor Stores (SIC-592)		Misc. Shopping Goods Stores (SIC-594)		Commercial & Stock Savings Banks (SIC-602)		Mutual Savings Banks (SIC-603)	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Employment	1,255	100.0	1,012	100.0	1,755	100.0	2,529	100.0	1,428	100.0
Management & Officers	115	9.2	178	17.6	267	15.2	367	14.5	250	17.5
Professional	236	18.8	17	1.7	54	3.1	288	11.4	40	2.8
Technical	1/	-	1/	-	1/	-	13	0.5	1/	-
Services	31	2.5	1/	-	33	1.9	51	2.0	37	2.6
Maintenance & Production	29	2.3	134	13.2	246	14.0	13	0.5	1/	-
Clerical	320	25.5	226	22.3	342	19.5	1,763	69.7	1,085	76.0
Sales	522	41.6	450	44.5	809	46.1	33	1.3	11	0.8

Table 56

Occupational Employment Profiles by Major Occupational Category[2/]
for 48 Selected 3-Digit SIC Industries
Springfield-Chicopee-Holyoke LMA
1981 Annual Average
(continued)

Occupation 3-Digit Industry Name	Grocery Stores (SIC-541)		New & Used Car Dealers (SIC-551)		Gasoline Service Stations (SIC-554)		Women's Ready-to-Wear Stores (SIC-562)		Eating & Drinking Places (SIC-581)	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Employment	6,096	100.0	1,568	100.0	1,404	100.0	994	100.0	11,841	100.0
Managers & Officers	469	7.7	281	17.9	185	13.2	131	13.2	651	5.5
Professional	85	1.4	30	1.9	17	1.2	20	2.0	24	0.2
Technical.	1/	-	1/	-	1/	-	1/	-	1/	-
Services	274	4.5	38	2.4	1/	-	14	1.4	10,171	85.9
Maintenance & Production	1,993	32.7	641	40.9	1,052	74.9	147	14.8	284	2.4
Clerical	2,463	40.4	279	17.8	147	10.5	166	16.7	580	4.9
Sales	805	13.2	299	19.1	3	0.2	516	51.9	130	1.1

Table 56

Occupational Employment Profiles by Major Occupational Category 2/
for 48 Selected 3-Digit SIC Industries
Springfield-Chicopee-Holyoke LMA
1981 Annual Average
(continued)

Occupation 3-Digit Industry Name	Misc. Business Services (SIC-739)		Offices of Physicians (SIC-801)		Nursing & Personal Care Facilities (SIC-805)		Hospitals (SIC-806)		Health & Allied Services NEC (SIC-809)	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Employment	2,918	100.0	1,732	100.0	3,591	100.0	9,402	100.0	1,405	100.0
Managers & Officers	321	11.0	78	4.5	119	3.3	359	3.8	80	5.7
Professional	379	13.0	710	41.0	481	13.4	3,168	33.7	445	31.7
Technical	158	5.4	170	9.8	341	9.5	1,630	17.3	52	3.7
Services	826	28.3	113	6.5	2,384	66.4	2,382	25.3	625	44.5
Maintenance & Production	344	11.8	1/	-	154	4.3	364	3.9	21	1.5
Clerical	800	27.4	656	37.9	115	3.2	1,494	15.9	166	11.8
Sales	90	3.1	1/	-	1/	-	1/	-	14	1.0

Table 56 2/
Occupational Employment Profiles by Major Occupational Category
for 48 Selected 3-Digit SIC Industries
Springfield-Chicopee-Holyoke LMA
1981 Annual Average
(continued)

Occupation 3-Digit Industry Name	Colleges & Universities (SIC-822)		Social Services (SIC-839)		Civic & Social Associations (SIC-864)	
	Number	Percent	Number	Percent	Number	Percent
Total Employment	4,547	100.0	1,416	100.0	1,061	100.0
Managers & Officers	496	10.9	150	10.6	110	10.4
Professional	2,378	52.3	472	33.3	239	22.5
Technical	159	3.5	14	1.0	1/	-
Services	464	10.2	424	30.0	545	51.4
Maintenance & Production	191	4.2	54	3.8	28	2.8
Clerical	859	18.9	263	18.6	132	12.4
Sales	1/	-	38	2.7	1/	-

Note: May not add to totals due to rounding.

1/ Less than 10.

2/ Occupational employment estimates are based on assumed staffing patterns for an entire industry. Where one or a few firms dominate a particular industry in the S-C-H area, estimates are more subject to distortion.

Table 57
Job Bank Openings
By Selected Occupational Category
March 1982

Occupational Title	State	Boston	Fall River	Fitchburg Leominster	Lawrence Haverhill	Lowell	New Bedford	Pittsfield	Springfield* Chicopee Holyoke	Worcester	Balance of State
TOTAL ALL OCCUPATIONS	5099	1943	102	98	193	104	195	92	434	449	1161
Professional, Technical, Managerial	682	195	4	12	19	9	9	11	110	18	111
Architect & Engineering	45	13	--	1	2	1	4	4	12	1	10
Math. & Physical Science	20	7	1	--	--	1	--	--	5	3	2
Life & Social Sciences	20	9	--	--	--	--	2	1	3	1	6
Medicine & Health	225	10	--	--	8	--	--	1	7	4	12
Education	35	11	--	3	1	4	--	--	10	2	4
Museum Library	2	--	--	--	--	--	--	--	2	--	--
Law, Jurisprudence	2	--	--	--	--	--	--	--	5	--	--
Writing	3	1	--	--	--	--	--	--	1	--	1
Art	3	1	--	--	--	--	--	--	--	1	1
Entertainment	6	2	1	--	--	--	--	--	1	1	1
Administrative Specialists	81	46	2	4	1	--	3	1	12	1	9
Managers & Officials n.e.c.	102	39	--	3	3	--	--	4	23	3	25
Miscellaneous, Prof., Tech., Mgr.	38	7	--	1	4	2	--	--	17	1	6
Clerical and Sales	1163	490	22	11	47	28	16	9	191	96	302
Stenography, Typing & Related	339	174	3	2	16	2	2	2	56	23	74
Computing & Acct. Recording	279	90	9	4	8	7	4	2	73	63	58
Prod. & Stock Clerk	120	50	--	--	10	9	6	1	29	--	32
Information Distr.	75	50	2	1	2	3	--	--	1	3	11
Miscellaneous Clerical	23	10	3	2	2	--	1	1	1	--	3
Sales Persons Services	57	24	--	1	3	1	--	3	13	1	13
Sales Persons, Commodities n.e.c.	108	60	2	1	1	--	2	--	7	4	29
Miscellaneous Sales	149	25	3	--	5	6	1	--	30	2	80
Service	1109	512	9	11	22	8	28	14	31	161	150
Domestic Service	43	20	--	--	--	--	--	--	2	16	2
Food & Beverage Preparation	357	184	--	6	4	--	19	4	8	67	58
Lodging & Related Service	140	86	--	--	--	--	--	3	3	50	1

Table 57
Job Bank Openings
By Selected Occupational Category
March 1982
(continued)

Occupational Title	State	Boston	Fall River	Fitchburg Leominster	Lawrence Haverhill	Lowell	New Bedford	Pittsfield	Springfield * Chicopee Holyoke	Worcester	Balance of State
Service (continued)											
Miscellaneous Personal Service	303	47	3	5	7	--	2	2	3	12	60
Protective Services	134	96	1	--	2	--	7	2	13	6	14
Building & Related Service	106	65	--	--	8	--	--	3	2	8	14
Apparel/Furnishings Service	21	--	5	--	1	--	--	--	--	2	1
Farming, Fishing, Forestry	156	87	--	--	2	--	20	3	7	7	34
Plant Farming	134	73	--	--	2	--	40	2	1	6	31
Animal Farming	3	--	--	--	--	--	--	1	2	1	1
Forestry	16	14	--	--	--	--	--	--	4	--	--
Processing	116	44	2	9	4	2	--	--	10	4	37
Metal	16	3	--	1	--	2	--	--	--	--	10
Food, Tobacco	42	33	--	--	--	--	--	--	2	1	5
Chemicals, Plastics, Synthetics	39	5	--	8	--	--	--	--	6	3	18
Stone, Clay, Glass	4	--	--	--	--	--	--	--	--	--	4
Leather and Textiles	12	--	2	--	4	--	--	--	--	--	--
Processing Occupations n.e.c.	3	3	--	--	--	--	--	--	--	--	--
Machine Trades	429	144	11	13	35	21	13	4	22	27	126
Metal Machining	99	30	3	3	9	5	5	--	5	7	27
Metal Working n.e.c.	32	17	3	--	2	1	--	2	--	--	9
Mechanics & Machinery Repairers	134	70	3	5	2	3	7	--	9	12	15
Printing & Paperworking	28	9	--	--	--	--	--	2	6	1	8
Wood Machining	14	1	--	5	1	--	--	--	--	2	5
Textiles	31	--	--	--	1	3	1	--	1	3	21
Machine Trades n.e.c.	91	17	2	--	20	8	--	--	1	2	41
Benchwork	583	180	53	16	12	10	52	42	23	24	165
Metal Products	33	12	--	--	1	--	1	8	2	2	9
Scientific & Electrical Equipment	239	79	4	4	1	7	40	--	--	2	81
Plastics, Synthetic, Rubber	11	--	--	2	2	--	--	--	--	1	8
Stone and Wood Products	17	3	--	--	1	--	--	--	--	1	12
Textile, Leather	262	83	47	10	7	--	11	25	3	18	50
Benchwork Occupations n.e.c.	11	--	2	--	1	--	--	9	--	--	--

Table 57
Job Bank Openings
By Selected Occupational Category
March 1982
(continued)

Occupational Title	State	Boston	Fall River	Fitchburg Leominster	Lawrence Haverhill	Lowell	New Bedford	Pittsfield	Springfield* Chicopee Holyoke	Worcester	Balance of State
Structural Work	392	173	1	11	40	24	21	6	26	18	70
Metal Fabrication	56	24	--	3	4	6	2	1	2	6	8
Welders	62	45	--	--	1	2	8	--	--	1	4
Electrical	103	57	--	2	5	11	--	--	14	6	18
Painting	28	17	--	--	--	--	--	--	8	1	2
Excavating, Grading etc.	3	--	--	--	--	--	--	--	--	1	--
Construction Occupations n.e.c.	118	25	--	4	24	--	10	4	1	2	34
Structural Occupations n.e.c.	22	5	1	2	6	5	1	1	1	1	4
Miscellaneous	469	118	--	15	12	2	36	3	14	94	166
Motor Freight Occupations	58	23	--	--	3	--	4	--	5	5	15
Transportation Occupations	35	16	--	2	2	--	--	--	--	1	14
Packing, Material Handling	349	71	--	11	1	1	32	3	4	87	129
Production, Distribution of Util.	16	3	--	2	--	--	--	--	4	--	5
Graphic Art Work	10	4	--	--	--	1	--	--	1	1	3

Source: Labor Market Information Analytical Table Series

* Springfield-Chicopee-Holyoke data for February 1982

Table 58

Average Pay by Selected Occupational Category
Massachusetts Job Banks
March 1982

Occupational Title	State	Boston	Fall River	Fitchburg Leominster	Lawrence Haverhill	Lowell	New Bedford	Pittsfield	Springfield Chicopee Holyoke	Worcester	Balance of State
TOTAL ALL OCCUPATIONS	$10,220	$10,459	$ 9,479	$ 9,589	$11,232	$ 9,774	$ 8,957	$ 8,881	$10,519	$ 8,678	$ 9,852
Professional, Technical, Managerial	15,640	17,068	14,852	12,384	19,406	17,639	14,143	15,466	14,178	15,942	15,523
Architecht and Engineering	20,783	24,056	--	--	24,356	34,008	16,625	20,667	16,603	25,000	19,959
Math and Physical Science	19,398	21,209	14,547	--	--	22,000	--	--	15,508	23,000	18,762
Life and Social Sciences	13,761	17,550	--	--	--	--	10,192	10,000	11,667	11,000	10,425
Medicine and Health	15,176	12,918	--	--	17,680	--	--	12,168	11,869	14,560	14,928
Education	13,418	12,691	--	8,579	7,800	15,625	--	--	13,918	17,084	16,506
Museum Library	10,700	--	--	--	--	--	--	--	9,400	--	--
Law, Jurisprudence	8,684	--	--	--	--	--	--	--	9,261	--	--
Writing	13,773	20,000	--	--	--	--	--	--	11,700	--	9,620
Art	12,060	18,500	--	--	--	--	--	--	--	9,360	8,320
Entertainment	15,459	18,928	20,800	--	--	--	--	--	10,400	13,000	10,700
Administrative Specialists	14,535	14,566	12,031	--	16,000	--	13,467	25,000	17,458	--	13,484
Managers and Officials n.e.c.	13,536	16,156	--	15,333	17,553	--	--	10,656	14,045	13,280	12,188
Miscellaneous, Prof., Tech., Mgr.	11,684	13,214	--	14,950	--	13,788	--	--	10,218	11,400	12,267
Clerical and Sales	9,001	9,419	9,296	8,356	10,228	8,423	7,668	8,073	8,050	8,920	8,577
Stenography, Typing and Related	9,321	9,679	10,053	8,424	10,776	10,250	8,922	7,540	8,898	9,085	8,672
Computing and Acct. Recording	8,435	8,826	9,245	7,722	10,086	8,908	7,826	8,939	7,435	8,533	7,777
Production and Stock Clerk	9,209	10,383	--	--	8,705	7,962	7,107	10,400	7,036	--	8,866
Information Distr.	9,100	9,482	7,124	6,968	8,164	7,869	--	--	7,176	8,749	8,655
Miscellaneous Clerical	10,076	10,866	9,185	9,880	10,400	--	9,991	8,398	9,877	--	8,907
Salespersons Services	11,191	10,508	--	--	15,600	10,400	--	6,968	12,031	7,800	10,975
Salespersons, Commodities n.e.c.	9,139	8,361	18,000	9,100	6,968	--	6,968	--	11,800	12,950	10,325
Miscellaneous Sales	8,078	8,586	7,349	--	9,984	7,887	6,968	--	7,579	11,960	7,903
Service	$ 4.27/hr	$4.28/hr	$4.77/hr	$3.65/hr	$4.20/hr	$3.64/hr	$3.66/hr	$4.02/hr	$4.48/hr	$3.72/hr	$4.76/hr
Domestic Service	3.53	3.62	--	--	--	--	--	--	3.45	3.35	5.00
Food and Beverage Preparation	4.11	4.35	--	3.35	3.63	--	3.73	4.44	3.86	3.51	4.39
Lodging and Related Service	4.28	4.49	--	--	--	--	--	3.35	3.45	4.00	3.50
Miscellaneous Personal Service	4.56	4.05	3.61	4.00	--	--	3.35	3.50	3.35	3.94	5.33
Protective Services	4.24	4.23	9.13	--	3.60	--	3.56	4.00	5.54	3.50	4.34
Building and Related Service	4.33	4.36	--	--	4.42	--	--	4.51	4.00	4.14	4.08

Table 58

Average Pay by Selected Occupational Category
Massachusetts Job Banks
March 1982
(continued)

Occupational Title	State	Boston	Fall River	Fitchburg Leominster	Lawrence Haverhill	Lowell	New Bedford	Pittsfield	Springfield* Chicopee Holyoke	Worcester	Balance of State
Farming, Fishing, Forestry	$3.97/hr	$3.91/hr	$--	$--	$3.55/hr	$--	$3.44/hr	$3.58/hr	$4.20/hr	$4.05/hr	$4.40/hr
Plant Farming	3.90	3.96	--	--	3.55	--	3.44	3.70	4.80	4.16	4.04
Animal Farming	3.38	--	--	--	--	--	--	3.35	3.90	3.40	NA
Forestry	10.00	3.68	--	--	--	--	--	--	--	--	--
Processing	4.40	4.35	3.35	4.19	4.00	4.00	--	--	4.41	4.40	4.49
Metal	4.74	4.50	--	6.00	--	4.00	--	--	--	--	4.83
Food, Tobacco	4.03	4.06	--	--	--	--	--	--	3.35	3.65	--
Chemicals, Plastics, Synthetics	4.33	5.35	--	3.96	--	--	--	--	4.05	4.65	4.25
Stone, Clay, Glass	5.00	--	--	--	--	--	--	--	--	--	5.00
Leather and Textiles	4.91	--	3.35	--	4.00	--	--	--	--	--	--
Processing Occupations n.e.c.	5.70	5.70	--	--	--	--	--	--	--	--	--
Machine Trades	5.30	5.65	5.21	5.30	4.93	4.80	5.91	5.25	5.80	5.45	4.77
Metal Machining	6.17	5.52	6.00	6.17	6.71	5.50	7.70	--	7.56	6.57	5.99
Metal Working n.e.c.	3.95	3.89	3.35	--	3.98	4.00	--	--	--	--	4.25
Mechanics, & Machinery Repairers	6.10	6.38	4.63	6.17	6.25	7.50	4.24	4.50	5.40	5.58	5.61
Printing and Paperworking	5.28	5.54	--	--	--	--	--	6.00	5.95	4.00	5.06
Wood Machining	4.61	7.00	--	3.90	4.00	--	--	--	--	4.00	5.20
Textiles	4.44	--	--	--	4.35	4.59	5.59	--	3.75	4.17	4.47
Machine Trades n.e.c.	4.04	4.26	6.00	--	4.18	3.58	--	--	4.75	4.75	3.83
Benchwork	4.15	4.09	4.25	3.70	5.90	4.72	3.72	3.50	4.32	4.02	4.45
Metal Products	4.95	4.64	--	--	3.75	--	5.10	3.45	5.68	4.30	6.95
Scientific & Electrical Equip.	4.15	4.08	3.40	4.00	--	4.31	3.71	--	--	5.86	4.46
Plastics, Synthetics, Rubber	4.18	--	--	4.23	4.00	--	--	--	--	4.06	4.25
Stone and Wood Products	4.39	3.35	--	--	14.00	--	--	--	--	4.25	4.20
Textile, Leather	4.03	4.15	4.37	3.48	5.26	--	3.65	3.35	3.35	3.78	4.11
Benchwork Occupations, n.e.c.	3.84	--	3.35	--	--	--	--	3.95	--	--	--
Structural Work	5.95	6.74	5.00	5.54	5.47	4.41	6.23	4.67	6.44	5.31	5.08
Metal Fabrication	6.39	7.48	--	5.55	--	5.23	6.19	4.00	5.00	5.25	6.00
Welders	6.43	6.41	--	--	7.00	5.00	7.42	--	--	5.00	5.50
Electrical	6.05	6.97	--	8.65	6.05	3.70	--	--	6.18	4.42	4.82

Table 58

Average Pay by Selected Occupational Category
Massachusetts Job Banks
March 1982
(continued)

Occupational Title	State	Boston	Fall River	Fitchburg Leominster	Lawrence Haverhill	Lowell	New Bedford	Pittsfield	Springfield* Chicopee Holyoke	Worcester	Balance of State
Structural Work (continued)											
Painting	$6.79/hr	$6.97/hr	$--	$ --	$--	$ --	$ --	$--	$6.50/hr	$5.50/hr	$7.00/hr
Excavating, Grading etc.	7.83	--	--	--	8.00	--	--	--	--	7.50	--
Construction, Occupations n.e.c.	5.37	6.20	5.00	4.75	5.20	--	5.47	4.75	15.85	7.50	4.85
Structural Occupations n.e.c.	4.76	5.46	--	4.00	--	4.75	4.40	5.00	3.35	4.50	4,88
Miscellaneous	4.24	4.24	--	5.03	4.55	4.00	4.09	4.37	6.93	3.65	4.24
Motor Freight Occupations	4.72	4.39	--	--	4.33	--	4.71	--	4.74	4.85	5.02
Transportation Occupations n.e.c.	4.06	4.09	--	6.72	5.19	--	--	--	--	5.03	3.42
Packing, Material Handling	3.95	3.99	--	4.18	4.45	4.00	4.02	4.37	4.18	3.56	4.10
Production, Disbribution of Util.	8.42	6.47	--	8.00	--	--	--	--	11.04	--	7.38
Graphic Art Work	5.02	5.66	--	--	--	4.00	--	--	5.05	4.50	5.00

Source: Labor Market Information Analytical Table Series

* Springfield-Chicopee-Holyoke data for February 1982

Table 59

- ALL JOB OPENINGS 03/31/82 MASSACHUSETTS SMSA 8000
PENINGS RECEIVED AND FILLED BY INDUSTRIAL DIVISION AND OCCUPATIONAL CATEGORY

ITEM NO	OCCUPATIONAL CATEGORIES AND DIVISIONS		OPENINGS BY INDUSTRIAL DIVISION: TOTAL	AGR FOR & FISH	MINING	CONSTR	MFG	TRANSP & UTIL	WHS & RETAIL TRADE	FINANCE INS & REAL ESTATE	SER-VICES	PUBLIC ADMIN-ISTRA-TION	GOVT
A	B		C	D	E	F	G	H	I	J	K	L	M
	OPENINGS RECEIVED												
10010	TOTAL		5248	38	0	103	696	125	2157	266	1385	478	531
10015	0-1	PROF TECH MGR	604	0	0	1	63	18	67	30	212	213	239
10020	20-24	CLERICAL	1061	0	0	5	89	49	448	173	269	28	29
10025	25-29	SALES	744	1	0	0	14	1	680	26	22	0	0
10030	30	DOMESTIC	59	0	0	0	0	0	0	0	58	1	1
10035	31-39	OTHER SERVICES	1338	0	0	22	9	1	749	21	325	211	225
10040	4	FARM F & F	46	31	0	0	0	0	1	0	3	11	9
10045	5	PROCESSING	105	3	0	0	89	0	6	0	7	0	0
10050	6	MACHINE TRADES	242	0	0	4	176	5	24	3	29	1	1
10055	7	BENCH WORK	157	0	0	1	142	0	7	0	7	0	1
10060	8	STRUCTURAL	165	1	0	69	33	6	18	7	28	3	7
10065	90-91	MOTOR FRGT, TRANSP	261	1	0	1	5	28	32	1	187	6	5
10070	92	PKG MTRL HNDL	395	0	0	0	70	14	124	5	182	0	9
10075	93-97	OTHER	71	1	0	0	6	3	1	0	56	4	5
	OPENINGS FILLED												
10085	TOTAL		2714	61	0	62	411	66	1140	92	818	64	92
0090	0-1	PROF TECH MGR	70	0	0	1	9	2	22	7	24	5	6
0095	20-24	CLERICAL	505	0	0	4	42	21	185	59	183	11	16
0100	25-29	SALES	356	0	0	0	9	0	331	6	10	0	0
0105	30	DOMESTIC	26	0	0	0	0	0	0	0	26	0	0
0110	31-39	OTHER SERVICES	730	0	0	8	6	2	422	11	244	37	50
0115	4	FARM F & F	69	57	0	0	0	0	0	0	2	10	8
0120	5	PROCESSING	57	2	0	0	49	0	4	0	2	0	0
0125	6	MACHINE TRADES	143	0	0	2	116	2	10	0	13	0	0
0130	7	BENCH WORK	106	0	0	1	96	0	6	0	3	0	1
0135	8	STRUCTURAL	99	1	0	45	19	6	13	3	12	0	1
0140	90-91	MOTOR FRGT, TRANSP	143	0	0	1	5	21	31	1	83	1	1
0145	92	PKG MTRL HNDL	376	0	0	0	58	12	115	5	186	0	9
0150	93-97	OTHER	34	1	0	0	2	0	1	0	30	0	0
	FILL RATE												
0160	TOTAL		51.7	160.5	0.0	60.2	59.1	52.8	52.9	34.6	59.1	13.4	17.3
0165	0-1	PROF TECH MGR	11.6	0.0	0.0	100.0	14.3	11.1	32.8	23.3	11.3	2.3	2.5
0170	20-24	CLERICAL	47.6	0.0	0.0	80.0	47.2	42.9	41.3	34.1	68.0	39.3	55.2
0175	25-29	SALES	47.8	0.0	0.0	0.0	64.3	0.0	48.7	23.1	45.5	0.0	0.0
0180	30	DOMESTIC	44.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.8	0.0	0.0
0185	31-39	OTHER SERVICES	54.6	0.0	0.0	36.4	66.7	200.0	56.3	52.4	75.1	17.5	22.2

SA 8000 MONTHLY YEAR TO DATE
FOR PERIOD ENDING 03/31/82

Table 59

- ALL JOB OPENINGS 03/31/82 MASSACHUSETTS SMSA 8000

OPENINGS RECEIVED AND FILLED BY INDUSTRIAL DIVISION AND OCCUPATIONAL CATEGORY

ITEM NO	OCCUPATIONAL CATEGORIES AND DIVISIONS	OPENINGS BY INDUSTRIAL DIVISION										
		TOTAL	AGR FOR & FISH	MINING	CONSTR	MFG	TRANSP & UTIL	WHS & RETAIL TRADE	FINANCE INS & REAL ESTATE	SER-VICES	PUBLIC ADMIN-ISTRA-TION	GOVT
A	B	C	D	E	F	G	H	I	J	K	L	M
10190 4	FARM F & F	150.0	183.9	0.0	0.0	0.0	0.0	0.0	0.0	66.7	90.9	88.9
10195 5	PROCESSING	54.3	66.7	0.0	0.0	55.1	0.0	66.7	0.0	28.6	0.0	0.0
10200 6	MACHINE TRADES	59.1	0.0	0.0	50.0	65.9	40.0	41.7	0.0	44.8	0.0	0.0
10205 7	BENCH WORK	67.5	0.0	0.0	100.0	67.6	0.0	85.7	0.0	42.9	0.0	100.0
10210 8	STRUCTURAL	60.0	100.0	0.0	65.2	57.6	100.0	72.2	42.9	42.9	0.0	14.3
10215 90-91	MOTOR FRGT, TRANSP	54.8	0.0	0.0	100.0	100.0	75.0	96.9	100.0	44.4	16.7	20.0
10220 92	PKG MTRL HNDL	95.2	0.0	0.0	0.0	82.9	85.7	92.7	100.0	102.2	0.0	100.0
10225 93-97	OTHER	47.9	100.0	0.0	0.0	33.3	0.0	100.0	0.0	53.6	0.0	0.0

SMSA 8000 MONTHLY YEAR TO DATE
FOR PERIOD ENDING 03/31/82 PAGE 002

Table 60

- ALL JOB OPENINGS 03/31/82 MASSACHUSETTS SMSA 6320

ENINGS RECEIVED AND FILLED BY INDUSTRIAL DIVISION AND OCCUPATIONAL CATEGORY

ITEM NO	OCCUPATIONAL CATEGORIES AND DIVISIONS		OPENINGS BY INDUSTRIAL DIVISION: TOTAL	AGR FOR & FISH	MINING	CONSTR	MFG	TRANSP & UTIL	WHS & RETAIL TRADE	FINANCE INS & REAL ESTATE	SER-VICES	PUBLIC ADMIN-ISTRA-TION	GOVT
A	B		C	D	E	F	G	H	I	J	K	L	M
	OPENINGS RECEIVED												
0010	TOTAL		1329	7	0	25	288	20	421	19	511	38	65
0015	0-1	PROF TECH MGR	72	1	0	0	19	2	4	1	41	4	21
0020	20-24	CLERICAL	270	0	0	0	22	8	181	11	37	11	15
0025	25-29	SALES	66	1	0	2	1	0	49	4	9	0	0
0030	30	DOMESTIC	18	0	0	0	0	0	2	0	16	0	0
0035	31-39	OTHER SERVICES	281	0	0	0	2	0	79	2	196	2	15
0040	4	FARM F & F	14	2	0	0	0	0	1	0	1	10	10
0045	5	PROCESSING	4	0	0	0	3	0	1	0	0	0	0
0050	6	MACHINE TRADES	45	0	0	0	41	0	1	0	3	0	0
0055	7	BENCH WORK	141	0	0	0	138	0	2	1	0	0	0
0060	8	STRUCTURAL	46	0	0	12	8	0	10	0	15	1	2
0065	90-91	MOTOR FRGT, TRANSP	22	0	0	0	2	6	12	0	2	0	1
0070	92	PKG MTRL HNDL	317	3	0	1	42	4	77	0	190	0	0
0075	93-97	OTHER	33	0	0	10	10	0	2	0	1	10	1
	OPENINGS FILLED												
0085	TOTAL		815	6	0	22	230	12	170	11	340	24	27
0090	0-1	PROF TECH MGR	23	1	0	0	6	2	1	1	11	1	5
0095	20-24	CLERICAL	81	0	0	0	15	4	35	6	13	8	9
0100	25-29	SALES	49	1	0	1	1	0	38	1	7	0	0
0105	30	DOMESTIC	15	0	0	0	0	0	2	0	13	0	0
0110	31-39	OTHER SERVICES	185	0	0	0	2	0	54	2	127	0	4
0115	4	FARM F & F	10	1	0	0	0	0	0	0	1	8	8
0120	5	PROCESSING	2	0	0	0	0	0	2	0	0	0	0
0125	6	MACHINE TRADES	30	0	0	0	27	0	1	0	2	0	0
0130	7	BENCH WORK	131	0	0	0	128	0	2	1	0	0	0
0135	8	STRUCTURAL	38	0	0	10	5	0	10	0	13	0	0
0140	90-91	MOTOR FRGT, TRANSP	12	0	0	0	1	4	6	0	1	0	1
0145	92	PKG MTRL HNDL	212	3	0	1	37	2	17	0	152	0	0
0150	93-97	OTHER	27	0	0	10	8	0	2	0	0	7	0
	FILL RATE												
0160	TOTAL		61.3	85.7	0.0	88.0	79.9	60.0	40.4	57.9	66.5	63.2	41.5
0165	0-1	PROF TECH MGR	31.9	100.0	0.0	0.0	31.6	100.0	25.0	100.0	26.8	25.0	23.8
0170	20-24	CLERICAL	30.0	0.0	0.0	0.0	68.2	50.0	19.3	54.5	35.1	72.7	60.0
0175	25-29	SALES	74.2	100.0	0.0	50.0	100.0	0.0	77.6	25.0	77.8	0.0	0.0
0180	30	DOMESTIC	83.3	0.0	0.0	0.0	0.0	0.0	100.0	0.0	81.3	0.0	0.0
0185	31-39	OTHER SERVICES	65.8	0.0	0.0	0.0	100.0	0.0	68.4	100.0	64.8	0.0	26.7

Table 60

- ALL JOB OPENINGS 03/31/82 MASSACHUSETTS SMSA 6320

OPENINGS RECEIVED AND FILLED BY INDUSTRIAL DIVISION AND OCCUPATIONAL CATEGORY

ITEM NO	OCCUPATIONAL CATEGORIES AND DIVISIONS	OPENINGS BY INDUSTRIAL DIVISION										
		TOTAL	AGR FOR & FISH	MINING	CONSTR	MFG	TRANSP & UTIL	WHS & RETAIL TRADE	FINANCE INS & REAL ESTATE	SER-VICES	PUBLIC ADMIN-ISTRA-TION	GOVT
A	B	C	D	E	F	G	H	I	J	K	L	M
10190 4	FARM F & F	71.4	50.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	80.0	80.0
10195 5	PROCESSING	50.0	0.0	0.0	0.0	0.0	0.0	200.0	0.0	0.0	0.0	0.0
10200 6	MACHINE TRADES	66.7	0.0	0.0	0.0	65.9	0.0	100.0	0.0	66.7	0.0	0.0
10205 7	BENCH WORK	92.9	0.0	0.0	0.0	92.8	0.0	100.0	100.0	0.0	0.0	0.0
10210 8	STRUCTURAL	82.6	0.0	0.0	83.3	62.5	0.0	100.0	0.0	86.7	0.0	0.0
10215 90-91	MOTOR FRGT, TRANSP	54.5	0.0	0.0	0.0	50.0	66.7	50.0	0.0	50.0	0.0	100.0
10220 92	PKG MTRL HNDL	66.9	100.0	0.0	100.0	88.1	50.0	22.1	0.0	80.0	0.0	0.0
10225 93-97	OTHER	81.8	0.0	0.0	100.0	80.0	0.0	100.0	0.0	0.0	70.0	0.0

MSA 6320 MONTHLY YEAR TO DATE
FOR PERIOD ENDING 03/31/82 PAGE 002

YEAR NO	OCCUPATIONAL CODE	TOTAL REGIS-TERED APPS ACTIVE ANYTIME THIS FY	ACTIVE FILE: TOTAL	FEMALE	VETERAN	AGE GROUPS: UNDER 22	45 AND OLDER	MINOR-ITY	ECONOM-ICALLY DISAD-VANT-AGED	NONAGRICULTURAL OPENINGS: TOTAL RE-CEIVED	OPENING REC'D FEDERAL CON-TRACTOR JOB LISTING	OPENING FILLED	UNFILLED OPEN: TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
6	TOTAL	34561	18936	10553	2657	2575	3212	5056	10464	5217	1338	2659	1547	1108
6	0-1	4552	2129	1030	411	65	373	314	614	602	315	69	441	355
6	000-169	3027	1367	719	243	38	229	201	415	477	288	40	372	305
6	180-199	1525	762	311	168	27	144	113	199	125	27	29	69	50
6	2	7226	3673	2851	385	493	623	645	1784	1804	245	861	305	239
6	200-249	5729	2957	2454	268	394	482	569	1501	1061	226	505	216	165
6	250-299	1497	716	397	117	99	141	76	283	743	19	356	89	74
6	3	6615	3849	2970	236	591	615	1372	2926	1397	271	756	481	365
6	300-309	863	681	664	0	69	132	409	656	59	20	26	44	36
6	310-319	2516	1273	930	97	254	178	176	838	830	18	505	178	106
6	320-389	3236	1895	1376	139	268	305	787	1432	508	233	225	259	223
6	4	785	429	101	37	135	46	216	252	21	3	18	1	0
6	400-429	714	392	97	33	125	41	211	236	3	0	0	1	0
6	440-449	4	3	0	0	0	0	1	1	0	0	0	0	0
6	450-461	67	34	4	4	10	5	4	15	18	3	18	0	0
6	5	758	416	119	84	42	78	98	183	102	68	55	27	23
6	6	3199	1728	484	390	210	249	361	661	242	95	143	50	29
6	7	2398	1373	948	128	152	255	496	730	157	69	106	43	24
6	8	2424	1281	58	425	201	188	183	413	163	18	97	39	24
6	800-859	1037	515	39	183	83	68	77	144	73	10	33	24	20
6	860-899	1387	766	19	242	118	120	106	269	90	8	64	15	4
6	9	4679	2485	850	461	652	322	748	1339	726	253	552	159	48
6	900-919	1128	597	75	209	63	98	95	256	261	180	143	115	10
6	920-929	3265	1726	687	221	565	198	636	1007	395	51	376	28	25
6	930-979	286	162	88	31	24	26	17	76	70	22	33	16	13
6	X-ENTRY TOTAL	148	130	115	1	18	14	83	130	0	0	0	0	0
6	0-1	4	3	3	0	0	0	1	3	0	0	0	0	0
6	2	25	23	22	0	5	3	13	23	0	0	0	0	0
6	3	8	7	6	1	1	0	3	7	0	0	0	0	0
6	6	1	1	0	0	0	0	0	1	0	0	0	0	0
6	7	2	2	2	0	0	0	1	2	0	0	0	0	0
6	8	2	1	0	0	0	0	1	1	0	0	0	0	0
6	9	106	93	82	0	12	11	64	93	0	0	0	0	0

6	203582-062	[illegible]	[illegible]	[illegible]	0	0	0	0	0	0	0	0	0	0
6	203582-066	22	9	9	0	0	3	1	6	9	0	2	5	1
6	205362-014	21	13	12	0	1	4	6	6	1	0	0	1	0

Table 61

03/31/82 MASSACHUSETTS SMSA 8000

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS ACTIVE ANYTIME THIS FY	ACTIVE FILE TOTAL	FEMALE	VETERAN	AGE GROUPS UNDER 22	45 AND OLDER	MINORITY	ECONOMICALLY DISADVANTAGED	NONAGRICULTURAL OPENINGS TOTAL RECEIVED	OPENING REC'D FEDERAL CONTRACTOR JOB LISTING	OPENING FILLED	UNFILLED OPEN TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	001261-010	10	3	1	0	1	0	1	0	1	0	0	1	1
96	003061-010	8	5	0	1	0	2	0	0	1	1	0	3	3
96	003161-014	50	29	2	11	2	0	5	6	6	2	3	1	1
96	003281-010	9	4	1	1	0	1	0	2	0	0	0	0	0
96	003281-014	3	1	0	0	0	0	0	0	0	0	0	0	0
96	005061-014	23	12	0	2	0	3	1	0	1	0	0	1	0
96	005281-010	2	1	0	0	0	0	0	0	0	0	0	0	0
96	005281-014	1	1	0	0	0	1	0	0	0	0	0	0	0
96	007061-014	15	7	1	2	0	3	0	1	6	3	0	5	5
96	007161-026	14	7	1	4	0	1	1	2	1	0	0	1	1
96	008061-018	3	1	0	0	0	1	0	0	0	0	0	0	0
96	008261-010	1	0	0	0	0	0	0	0	0	0	0	0	0
96	012167-042	4	2	0	1	0	2	0	1	1	1	0	2	2
96	012167-066	19	10	5	0	0	3	0	1	8	5	3	2	2
96	012267-010	5	2	2	0	0	0	1	0	3	2	0	2	1
96	018167-010	1	0	0	0	0	0	0	0	0	0	0	0	0
96	020162-014	30	6	3	2	0	0	0	0	4	3	1	1	1
96	020167-022	7	6	0	2	0	1	0	0	1	1	0	0	0
96	022061-010	11	3	1	0	0	0	1	2	1	0	0	0	0
96	022261-010	2	1	0	0	0	0	0	0	0	0	0	0	0
96	029261-010	6	5	2	1	1	1	0	0	1	1	0	1	1
96	040061-034	6	4	2	0	0	0	0	2	0	0	0	0	0
96	041061-030	5	3	2	0	0	0	0	0	0	0	0	0	0
96	045107-010	136	56	33	12	0	6	14	19	5	0	1	0	0
96	054067-014	3	2	2	0	0	1	0	0	0	0	0	0	0
96	070101-022	0	0	0	0	0	0	0	0	1	1	0	0	0
96	074161-010	3	2	0	2	0	2	0	0	0	0	0	0	0
96	075374-010	34	25	25	0	0	4	5	19	78	51	2	82	65
96	076121-010	2	0	0	0	0	0	0	0	4	2	0	1	0
96	076121-014	5	1	1	0	0	1	1	1	2	1	0	1	0
96	076364-010	1	1	1	0	0	0	0	1	0	0	0	0	0
96	077117-010	4	0	0	0	0	0	0	0	0	0	0	0	0
96	078361-010	5	2	2	0	0	0	1	1	1	0	0	0	0
96	078361-014	5	2	2	0	0	0	0	1	0	0	0	0	0
96	078381-014	12	9	7	2	0	0	1	4	1	0	0	0	0
96	079361-010	9	4	4	0	0	0	0	4	0	0	0	0	0
96	079367-010	20	13	9	4	0	2	2	7	1	0	1	0	0
96	079371-010	29	17	17	0	3	0	2	11	1	0	1	0	0
96	079374-014	61	45	43	0	0	7	9	36	103	78	3	107	91
96	079374-022	3	2	1	0	1	0	0	0	0	0	0	0	0
96	090227-010	65	30	17	3	1	5	5	12	9	8	0	6	5
96	091227-010	167	50	34	3	0	6	7	13	2	0	2	1	1

Table 61

03/31/82 MASSACHUSETTS SMSA 8000

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS ACTIVE ANYTIME THIS FY	ACTIVE FILE: TOTAL	FEMALE	VETERAN	AGE GROUPS: UNDER 22	45 AND OLDER	MINORITY	ECONOMICALLY DISADVANTAGED	NONAGRICULTURAL OPENINGS: TOTAL RECEIVED	OPENING REC'D FEDERAL CONTRACTOR JOB LISTING	OPENING FILLED	UNFILLED OPEN: TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	092227-010	167	44	38	0	1	4	6	17	3	1	0	2	0
96	100127-014	9	4	3	0	0	0	0	1	3	3	0	2	1
96	110107-010	16	12	7	0	0	1	2	2	2	1	0	1	1
96	131267-026	8	3	1	0	0	0	0	0	0	0	0	0	0
96	142061-018	5	1	1	0	0	0	1	1	0	0	0	0	0
96	159124-010	18	7	3	0	4	0	4	5	0	0	0	0	0
96	160162-014	7	3	0	1	0	2	0	0	0	0	0	0	0
96	160167-010	62	34	10	10	0	9	6	10	0	0	0	1	1
96	160267-018	11	4	0	1	0	1	0	0	2	1	0	2	1
96	162157-038	32	18	3	9	0	7	1	1	1	1	0	0	0
96	163167-014	2	0	0	0	0	0	0	0	0	0	0	0	0
96	163167-018	51	31	7	10	0	8	0	4	0	0	0	0	0
96	165067-010	35	14	11	1	0	1	0	2	1	1	0	1	0
96	168267-058	2	1	1	0	0	0	1	1	0	0	0	0	0
96	169167-010	135	49	32	11	1	11	4	8	9	4	2	3	1
96	169167-034	61	34	23	8	0	11	4	6	1	0	0	1	0
96	169167-058	15	7	6	0	0	2	0	0	1	1	0	0	0
96	182267-010	7	4	1	1	0	2	0	0	0	0	0	0	0
96	185167-014	25	14	1	4	2	3	2	3	0	0	2	0	0
96	185167-046	236	125	59	20	6	19	5	28	6	0	2	2	1
96	187167-030	1	0	0	0	0	0	0	0	0	0	0	0	0
96	187167-058	3	2	1	0	0	1	0	1	0	0	0	0	0
96	187167-106	105	48	14	5	3	6	5	9	8	1	3	1	0
96	187167-154	3	2	0	0	1	0	1	0	0	0	0	0	0
96	187167-186	20	7	4	1	0	0	2	3	4	2	1	1	0
96	188137-010	3	0	0	0	0	0	0	0	0	0	0	0	0
96	189117-022	7	2	0	1	0	2	0	0	0	0	0	0	0
96	189167-034	17	8	3	2	0	1	2	5	0	0	0	0	0
96	191267-014	2	0	0	0	0	0	0	0	1	1	0	1	1
96	193162-018	7	3	1	2	0	0	0	1	0	0	0	0	0
96	195107-010	50	26	17	3	0	6	10	15	7	2	0	6	4
96	195107-022	24	12	11	1	0	2	2	8	1	1	0	0	0
96	199361-010	2	1	1	0	1	0	0	1	0	0	0	0	0
96	201362-010	39	18	18	2	1	1	2	12	2	0	1	0	0
96	201362-014	27	10	10	0	0	1	0	6	1	0	0	0	0
96	201362-030	392	206	202	5	20	36	32	106	49	20	11	14	7
96	202362-014	7	4	4	0	1	1	1	2	2	1	2	0	0
96	203362-010	389	185	180	7	23	26	44	127	45	19	21	19	9
96	203582-030	73	42	41	0	4	6	9	26	4	1	3	2	1
96	203582-062	1	1	1	0	0	0	0	0	0	0	0	0	0
96	203582-066	22	9	9	0	0	3	1	6	9	0	2	5	1
96	205362-014	21	13	12	0	1	4	6	6	1	0	0	1	0

Table 61

03/31/82 MASSACHUSETTS SMSA 8000

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGIS-TERED APPS ACTIVE ANYTIME THIS FY	ACTIVE FILE: TOTAL	ACTIVE FILE: FEMALE	ACTIVE FILE: VETERAN	ACTIVE FILE: AGE GROUPS: UNDER 22	ACTIVE FILE: AGE GROUPS: 45 AND OLDER	ACTIVE FILE: MINORITY	ACTIVE FILE: ECONOMICALLY DISADVANTAGED	NONAGRICULTURAL OPENINGS: TOTAL RECEIVED	NONAGRICULTURAL OPENINGS: OPENING REC'D FEDERAL CONTRACTOR JOB LISTING	NONAGRICULTURAL OPENINGS: OPENING FILLED	NONAGRICULTURAL OPENINGS: UNFILLED OPEN: TOTAL	NONAGRICULTURAL OPENINGS: UNFILLED OPEN: 30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	205362-018	3	2	2	0	0	0	0	1	1	0	0	0	0
96	205367-054	19	7	4	1	2	0	4	5	0	0	0	0	0
96	206362-010	64	28	28	0	6	6	13	19	14	3	5	2	0
96	206367-014	14	10	10	0	3	2	2	5	1	0	1	0	0
96	207682-018	0	0	0	0	0	0	0	0	1	0	0	1	1
96	208462-010	1	0	0	0	0	0	0	0	0	0	0	0	0
96	209387-010	21	11	10	2	2	3	3	1	0	0	0	0	0
96	209387-030	14	7	4	0	0	0	0	0	0	0	0	0	0
96	209562-010	775	407	385	14	77	68	86	209	23	7	18	8	7
96	209587-026	32	18	8	7	1	5	6	6	4	3	2	0	0
96	209687-010	12	7	5	0	2	1	3	2	0	0	0	0	0
96	209687-014	25	10	3	4	1	2	3	3	3	3	3	0	0
96	209687-022	1	1	1	0	0	0	0	1	0	0	0	0	0
96	210382-010	7	2	2	0	0	1	0	1	8	1	6	1	0
96	210382-014	183	98	85	12	5	21	9	33	27	4	13	7	6
96	210382-018	56	29	28	0	0	6	1	15	6	1	1	4	4
96	210382-022	4	1	1	0	0	0	0	0	1	0	1	0	0
96	211362-010	219	126	118	3	21	12	24	91	10	0	1	4	4
96	211362-018	100	41	38	0	8	1	9	23	74	24	26	48	43
96	211462-010	244	90	82	3	26	12	13	47	92	1	52	4	4
96	213362-010	80	33	15	12	1	3	6	7	1	0	0	1	1
96	214362-022	1	0	0	0	0	0	0	0	0	0	0	0	0
96	214382-014	18	13	12	0	0	3	2	5	5	3	1	2	2
96	214482-022	13	10	9	0	2	1	1	1	1	0	1	1	0
96	215482-010	31	24	22	1	4	7	1	10	4	2	1	1	0
96	216382-034	5	3	2	0	0	1	0	0	1	1	0	0	0
96	216482-010	114	69	59	7	3	16	5	18	29	20	8	3	3
96	216482-022	2	2	2	0	0	0	0	1	0	0	0	0	0
96	217382-010	0	0	0	0	0	0	0	0	5	3	0	4	2
96	219362-010	377	210	203	5	29	36	38	122	53	12	30	11	9
96	219367-026	21	11	0	6	0	0	0	3	0	0	0	0	0
96	221367-042	5	1	0	0	0	0	0	0	1	0	1	0	0
96	222387-058	143	77	20	34	19	10	22	18	81	2	37	3	3
96	235462-010	29	16	15	1	2	3	2	5	31	10	7	3	3
96	235662-022	63	40	38	2	2	11	9	24	4	3	1	1	0
96	235662-026	3	2	2	0	0	0	0	2	0	0	0	0	0
96	237367-010	4	3	3	0	2	0	0	0	1	0	0	1	0
96	237367-022	2	0	0	0	0	0	0	0	0	0	0	0	0
96	237367-038	167	92	91	2	12	13	16	50	23	3	12	4	1
96	238362-010	16	9	5	0	2	0	1	5	1	0	2	0	0
96	238367-026	2	0	0	0	0	0	0	0	0	0	0	0	0
96	241217-010	8	3	2	0	0	0	2	2	1	0	0	1	1

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Table 61

03/31/82 MASSACHUSETTS SMSA 8000

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS ACTIVE ANYTIME THIS FY	ACTIVE FILE: TOTAL	FEMALE	VETERAN	AGE GROUPS: UNDER 22	45 AND OLDER	MINORITY	ECONOMICALLY DISADVANTAGED	NONAGRICULTURAL OPENINGS: TOTAL RECEIVED	OPENING REC'D FEDERAL CONTRACTOR JOB LISTING	OPENING FILLED	UNFILLED OPEN: TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	241357-010	3	2	2	1	0	0	1	2	1	1	0	0	0
96	245362-014	7	4	4	0	0	1	0	3	0	0	0	0	0
96	247367-010	1	1	1	0	0	0	0	0	0	0	0	0	0
96	249167-014	4	2	1	0	0	0	1	1	0	0	0	0	0
96	249367-074	156	66	56	2	6	7	36	50	2	0	0	1	0
96	250257-010	21	11	3	1	1	2	1	3	24	6	4	35	32
96	250357-018	8	3	2	1	0	1	0	2	0	0	0	0	0
96	254357-014	7	4	1	1	0	0	1	2	1	0	0	0	0
96	261357-050	19	8	4	1	0	1	3	5	3	0	3	0	0
96	261357-054	8	3	2	0	1	1	0	1	1	0	1	0	0
96	261357-062	18	12	7	4	2	3	1	5	5	0	1	4	0
96	261357-066	62	39	38	0	5	9	5	17	18	0	9	1	1
96	273353-010	31	15	1	5	0	4	0	1	3	0	1	2	2
96	273357-022	5	2	0	1	0	0	1	0	3	0	3	0	0
96	274357-022	3	2	0	0	0	0	0	0	0	0	0	0	0
96	275357-034	2	1	0	1	0	1	0	0	0	0	0	0	0
96	277357-034	6	1	0	1	0	1	0	0	1	1	0	0	0
96	279357-050	17	7	1	2	2	1	0	1	4	0	2	2	2
96	279357-054	194	97	67	14	20	17	9	38	97	0	50	5	4
96	279357-062	40	26	13	5	4	3	2	14	6	3	2	3	3
96	290477-014	324	120	102	5	25	23	9	49	424	2	211	14	12
96	290477-018	63	27	15	1	2	5	6	16	42	1	11	0	0
96	292353-010	65	33	2	11	5	4	6	9	5	0	5	0	0
96	292483-010	12	3	1	1	1	0	0	1	0	0	0	0	0
96	299137-010	33	16	10	1	0	1	1	5	7	0	3	4	4
96	299357-014	25	16	16	0	5	3	2	6	9	3	4	5	3
96	301474-010	367	299	293	0	15	65	199	298	4	0	2	3	3
96	302687-010	1	1	1	0	0	0	0	1	0	0	0	0	0
96	309677-010	12	4	4	0	0	1	0	2	6	0	3	3	2
96	311477-014	167	76	69	0	27	8	12	42	303	2	158	57	41
96	311477-030	501	317	306	2	50	24	19	273	160	1	125	38	27
96	311477-038	12	9	9	0	1	1	0	9	3	0	0	3	0
96	311677-010	82	35	34	0	0	13	4	25	1	1	1	0	0
96	312474-010	171	104	78	10	4	16	5	64	19	1	14	1	1
96	313131-014	42	21	2	7	0	6	3	4	4	0	1	0	0
96	313361-014	188	65	29	15	15	7	10	24	76	4	62	20	11
96	313361-022	100	41	17	0	10	1	5	18	16	0	5	6	3
96	313361-026	4	1	0	0	0	0	0	0	0	0	0	0	0
96	313361-030	10	7	4	0	3	0	1	4	5	0	3	1	1
96	313381-010	9	2	1	0	1	0	0	0	0	0	0	0	0
96	313684-010	2	0	0	0	0	0	0	0	0	0	0	0	0
96	315361-010	93	55	25	15	6	8	16	24	5	0	3	2	0

Table 61

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APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS ACTIVE ANYTIME THIS FY	ACTIVE FILE: TOTAL	FEMALE	VETERAN	AGE GROUPS: UNDER 22	45 AND OLDER	MINORITY	ECONOMICALLY DISADVANTAGED	NONAGRICULTURAL OPENINGS: TOTAL RECEIVED	OPENING REC'D FEDERAL CONTRACTOR JOB LISTING	OPENING FILLED	UNFILLED OPEN: TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	316684-018	28	15	1	6	2	6	4	6	1	0	0	0	0
96	317684-014	7	5	3	1	2	3	0	1	0	0	0	0	0
96	317687-010	44	14	6	3	5	3	4	6	7	0	3	0	0
96	318687-010	486	200	96	17	84	31	55	131	77	6	55	13	6
96	319137-010	12	8	2	3	1	2	1	2	0	0	0	0	0
96	319474-010	1	1	1	1	0	0	0	1	7	0	0	7	7
96	323687-010	12	7	7	0	1	2	3	6	3	0	2	1	0
96	323687-014	50	33	32	0	7	7	8	20	5	1	5	0	0
96	330371-010	8	5	3	2	0	1	1	4	0	0	0	0	0
96	332271-010	42	25	24	1	2	3	7	21	0	0	0	0	0
96	352367-010	1	1	1	0	0	0	1	0	0	0	0	0	0
96	354374-010	3	2	2	0	0	0	0	2	0	0	0	0	0
96	355377-014	128	48	26	5	5	2	10	21	194	175	34	160	160
96	355674-014	673	441	420	6	37	54	148	371	46	6	29	26	20
96	355674-018	26	15	1	5	3	0	6	5	1	1	1	0	0
96	355677-010	46	21	19	0	5	1	10	16	2	0	1	1	1
96	359677-010	81	59	52	0	17	10	31	58	2	0	1	1	0
96	359677-018	61	33	27	1	9	4	16	26	11	0	1	10	0
96	359677-026	4	3	1	0	1	0	1	3	0	0	0	0	0
96	361665-010	1	1	1	0	0	0	0	1	0	0	0	0	0
96	361685-018	6	3	2	0	1	0	1	1	1	0	1	0	0
96	361687-014	3	1	1	0	0	0	1	1	0	0	0	0	0
96	361687-018	17	13	10	0	1	1	8	11	0	0	0	0	0
96	363682-018	20	16	11	0	1	2	8	11	0	0	0	0	0
96	363684-018	5	5	5	0	0	1	2	5	0	0	0	0	0
96	363685-026	1	1	1	0	0	0	1	1	0	0	0	0	0
96	369687-010	2	2	2	0	0	0	1	2	0	0	0	0	0
96	369687-022	0	0	0	0	0	0	0	0	1	0	0	0	0
96	372667-018	13	6	2	2	0	0	4	5	2	0	2	0	0
96	372667-034	100	41	6	14	5	11	12	18	14	1	11	1	1
96	372667-038	73	41	4	14	6	6	12	15	8	2	3	0	0
96	373364-010	24	10	0	8	0	0	1	1	9	9	0	0	0
96	375263-014	35	12	3	5	0	1	3	8	3	0	0	3	3
96	382664-010	364	164	20	27	53	39	52	89	57	9	39	14	4
96	389684-010	2	1	0	1	0	0	0	0	1	0	0	0	0
96	403687-018	5	2	0	0	1	0	1	1	0	0	0	0	0
96	404687-010	259	131	37	1	53	15	120	97	0	0	0	0	0
96	404687-014	6	4	1	0	3	0	2	3	0	0	0	0	0
96	406684-010	4	1	0	0	0	1	0	1	0	0	0	0	0
96	408161-010	59	30	1	7	9	1	1	11	0	0	0	0	0
96	410684-010	5	2	0	0	0	0	0	1	0	0	0	0	0
96	452364-010	17	8	3	1	2	0	0	1	4	0	4	0	0

Table 61

03/31/82 MASSACHUSETTS SMSA 8000

PPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS ACTIVE ANYTIME THIS FY	ACTIVE FILE: TOTAL	FEMALE	VETERAN	AGE GROUPS: UNDER 22	45 AND OLDER	MINORITY	ECONOMICALLY DISADVANTAGED	NONAGRICULTURAL OPENINGS: TOTAL RECEIVED	OPENING REC'D FEDERAL CONTRACTOR JOB LISTING	OPENING FILLED	UNFILLED OPEN: TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
6	504382-014	7	5	0	1	0	1	0	1	0	0	0	0	0
6	504682-018	3	2	0	1	0	1	0	0	0	0	0	0	0
6	509686-010	3	2	0	0	0	2	0	1	0	0	0	0	0
6	519687-022	19	15	0	2	0	5	4	4	0	0	0	0	0
6	521685-334	2	2	0	0	0	0	0	2	0	0	0	0	0
6	521687-134	1	1	1	0	1	0	1	1	0	0	0	0	0
6	525684-030	4	3	1	0	0	0	1	2	0	0	0	0	0
6	526381-010	18	8	3	1	0	3	4	4	1	0	0	0	0
6	526684-010	7	0	0	0	0	0	0	0	3	0	3	0	0
6	526686-010	20	11	8	0	2	0	2	10	0	0	0	0	0
6	529686-014	1	1	1	0	0	0	0	1	0	0	0	0	0
6	529687-074	1	0	0	0	0	0	0	0	0	0	0	0	0
6	529687-186	2	2	2	0	2	0	0	2	0	0	0	0	0
6	534662-010	8	4	0	2	0	0	0	1	0	0	0	0	0
6	551485-010	1	1	0	1	0	0	0	1	0	0	0	0	0
6	556682-010	1	0	0	0	0	0	0	0	0	0	0	0	0
6	556685-022	8	8	4	4	0	1	0	1	0	0	0	0	0
6	556685-038	8	3	2	0	0	0	1	2	0	0	0	0	0
6	556685-066	8	5	2	0	2	2	0	0	0	0	0	0	0
6	557382-010	19	11	1	6	0	0	0	2	0	0	0	0	0
6	558585-014	3	1	0	1	0	1	0	0	0	0	0	0	0
6	559382-018	2	1	0	1	0	1	0	0	1	0	0	0	0
6	559382-046	9	6	3	1	1	1	1	3	0	0	1	0	0
6	559567-010	2	1	1	0	1	0	0	0	0	0	0	0	0
6	589685-102	1	1	1	0	0	0	0	1	0	0	0	0	0
6	589686-026	2	0	0	0	0	0	0	0	0	0	0	0	0
6	600280-022	155	82	0	36	10	6	14	21	10	5	5	2	2
6	600380-018	87	41	3	13	3	7	12	15	2	2	0	0	0
6	601280-046	11	3	0	2	0	1	0	2	0	0	0	0	0
6	603280-018	4	2	0	1	0	1	0	0	0	0	0	0	0
6	603664-010	2	2	0	1	0	0	1	0	0	0	0	0	0
6	603682-026	6	5	0	0	1	2	3	3	0	0	0	0	0
6	604380-022	4	3	0	2	0	0	0	2	0	0	0	0	0
6	604380-026	8	6	0	4	0	2	0	1	1	1	0	1	0
6	604685-026	26	12	1	2	1	2	4	6	[illegible]	5	0	5	5
6	605280-010	17	9	0	2	0	0	1	2	3	1	2	1	0
6	606682-010	4	3	3	0	0	0	2	3	0	0	0	0	0
6	609684-014	19	11	0	2	1	3	4	4	1	0	1	1	1
6	609685-018	79	31	7	14	3	2	12	12	1	0	1	0	0
6	615482-022	50	31	16	3	3	8	8	15	3	0	1	0	0
6	616685-042	1	1	0	0	1	0	0	0	1	1	0	0	0
6	617482-026	2	1	0	0	0	0	0	1	0	0	0	0	0

Table 61

03/31/82 MASSACHUSETTS SMSA 8000

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS ACTIVE ANYTIME THIS FY	ACTIVE FILE: TOTAL	FEMALE	VETERAN	AGE GROUPS: UNDER 22	45 AND OLDER	MINORITY	ECONOMICALLY DISADVANTAGED	NONAGRICULTURAL OPENINGS: TOTAL RECEIVED	OPENING REC'D FEDERAL CONTRACTOR JOB LISTING	OPENING FILLED	UNFILLED OPEN: TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	617685-026	11	5	1	2	0	0	4	2	0	0	0	0	0
96	619360-014	3	1	1	0	0	0	0	1	0	0	0	0	0
96	619381-010	1	1	1	0	1	0	0	0	0	0	0	0	0
96	620261-010	196	98	1	31	16	9	14	43	14	0	5	7	2
96	620261-022	12	4	0	3	0	0	0	0	1	0	0	0	0
96	620281-010	1	1	0	0	1	0	0	0	0	0	0	0	0
96	620381-022	6	2	0	1	1	1	0	1	0	0	0	1	1
96	621281-014	26	10	0	7	2	0	0	2	1	0	1	0	0
96	621381-014	1	1	0	0	0	0	0	0	0	0	0	0	0
96	624281-010	1	0	0	0	0	0	0	0	0	0	0	0	0
96	625281-010	21	10	0	8	0	1	1	0	4	0	1	1	0
96	625281-034	8	4	0	2	1	0	0	0	0	0	0	0	0
96	626281-010	28	14	0	4	3	1	0	3	0	0	0	0	0
96	633281-010	1	1	1	0	0	0	0	1	0	0	0	0	0
96	633281-018	2	1	0	0	0	0	0	1	4	0	1	3	3
96	637261-014	17	12	0	5	4	1	1	1	0	0	0	0	0
96	637261-018	2	2	2	0	0	0	0	1	1	0	1	0	0
96	637261-026	5	3	0	1	0	0	1	1	0	0	0	0	0
96	637664-010	3	3	0	0	1	0	0	2	1	0	1	0	0
96	638261-010	2	1	0	0	0	0	0	0	0	0	0	0	0
96	638261-022	1	0	0	0	0	0	0	0	0	0	0	0	0
96	638281-014	83	40	0	20	2	7	1	7	7	6	3	2	1
96	638281-018	11	7	0	2	0	2	1	1	0	0	0	0	0
96	638684-018	3	2	0	1	0	0	0	2	0	0	0	0	0
96	639281-014	7	3	0	2	0	1	0	1	0	0	0	0	0
96	639281-018	1	0	0	0	0	0	0	0	0	0	0	0	0
96	640685-058	7	4	1	1	1	0	1	3	3	1	2	0	0
96	641562-010	1	1	0	0	1	0	0	0	0	0	0	0	0
96	641680-010	1	1	0	0	1	0	0	0	1	0	0	1	0
96	649380-010	9	5	1	0	0	0	2	2	0	0	0	0	0
96	649685-046	4	3	2	0	1	0	0	2	0	0	0	0	0
96	649687-010	1	1	1	0	1	0	1	1	0	0	0	0	0
96	651362-030	2	2	0	1	0	2	0	0	0	0	0	0	0
96	651682-010	1	0	0	0	0	0	0	0	1	0	1	0	0
96	653382-010	5	2	0	2	0	1	0	0	0	0	1	0	0
96	659662-010	3	2	0	0	0	0	2	1	0	0	0	0	0
96	660280-010	26	12	0	1	2	2	4	1	2	0	2	0	0
96	661281-022	5	4	0	1	1	3	0	0	0	0	0	0	0
96	681685-154	10	6	5	0	0	0	3	5	0	0	0	0	0
96	682685-010	2	2	2	0	0	0	1	2	3	0	1	2	2
96	683682-038	4	2	1	0	0	0	1	0	0	0	0	0	0
96	684685-010	1	1	1	0	0	0	1	1	0	0	0	0	0

Table 61

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APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS ACTIVE ANYTIME THIS FY	ACTIVE FILE: TOTAL	FEMALE	VETERAN	AGE GROUPS: UNDER 22	45 AND OLDER	MINORITY	ECONOMICALLY DISADVANTAGED	NONAGRICULTURAL OPENINGS: TOTAL RECEIVED	OPENING REC'D FEDERAL CONTRACTOR JOB LISTING	OPENING FILLED	UNFILLED OPEN: TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	885665-014	19	9	7	0	3	2	3	2	7	0	6	0	0
96	689684-010	1	1	1	0	0	0	0	1	0	0	0	0	0
96	690682-082	9	7	7	0	0	1	4	5	0	0	0	0	0
96	691382-010	9	4	1	2	0	0	0	1	1	1	1	0	0
96	691682-018	1	0	0	0	0	0	0	0	0	0	0	1	1
96	693281-018	1	0	0	0	0	0	0	0	0	0	0	0	0
96	699682-022	13	6	1	2	0	1	1	3	3	1	3	0	0
96	700687-058	1	0	0	0	0	0	0	0	0	0	0	0	0
96	705687-014	13	8	4	3	0	3	1	2	1	0	0	0	0
96	709684-014	5	4	1	2	1	1	0	2	0	0	0	0	0
96	710281-026	1	1	1	0	0	0	1	1	0	0	0	0	0
96	710381-038	2	0	0	0	0	0	0	0	0	0	0	0	0
98	710681-010	1	1	1	0	0	0	1	1	0	0	0	0	0
96	712381-018	6	4	1	2	0	1	2	3	1	0	1	0	0
96	715281-010	1	1	0	1	0	1	0	1	0	0	0	0	0
96	715684-042	1	0	0	0	0	0	0	0	0	0	0	0	0
96	716382-018	1	1	0	0	1	0	1	0	0	0	0	0	0
98	720281-010	3	1	0	0	0	0	0	0	0	0	0	0	0
96	720281-018	9	4	0	0	1	0	1	1	·	1	0	1	1
96	721281-018	1	1	0	0	0	0	0	0	0	0	0	0	0
96	721684-022	16	13	10	0	1	1	4	8	0	0	0	0	0
96	724684-026	25	10	9	0	1	4	0	4	0	0	0	0	0
96	726130-010	14	7	3	2	0	2	1	1	4	2	3	2	2
98	726261-010	10	6	3	2	0	1	1	3	1	1	1	0	0
96	726381-010	23	12	9	0	0	2	3	3	0	0	0	0	0
96	726384-010	7	1	0	0	0	0	1	0	2	1	3	0	0
96	726684-010	12	8	5	0	0	0	7	7	1	0	1	1	1
98	726884-018	243	120	84	10	22	27	60	42	16	3	8	4	4
96	726684-022	22	9	7	1	0	2	3	3	0	0	0	0	0
96	729384-010	14	7	7	0	1	4	2	3	0	0	0	0	0
98	729687-010	88	56	47	0	6	8	28	37	0	0	0	0	0
96	731587-010	1	1	1	0	0	0	1	1	0	0	0	0	0
96	731687-034	94	73	65	1	8	11	38	55	0	0	0	0	0
98	739687-030	57	34	31	1	4	6	7	11	0	0	0	0	0
96	741684-026	23	13	0	5	0	2	1	2	3	2	3	0	0
98	741687-018	9	5	1	1	1	0	2	2	0	0	0	0	0
96	750384-010	38	11	0	8	0	2	1	8	0	0	0	0	0
96	753687-026	2	2	2	0	0	0	0	2	0	0	0	0	0
98	754684-030	2	2	2	0	1	0	0	2	0	0	0	0	0
96	754687-010	4	4	2	0	1	1	0	3	0	0	0	0	0
98	759584-010	12	6	4	2	0	4	0	1	3	3	0	0	0
96	763684-014	1	1	0	0	0	0	1	0	0	0	0	0	0

Table 61

03/31/82 MASSACHUSETTS SMSA 8000

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS ACTIVE ANYTIME THIS FY	ACTIVE FILE: TOTAL	FEMALE	VETERAN	AGE GROUPS: UNDER 22	45 AND OLDER	MINORITY	ECONOMICALLY DISADVANTAGED	NONAGRICULTURAL OPENINGS: TOTAL RECEIVED	OPENING REC'D FEDERAL CONTRACTOR JOB LISTING	OPENING FILLED	UNFILLED OPEN: TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	780381-018	4	3	0	1	1	1	2	2	0	0	0	0	0
96	780681-010	2	1	0	1	0	0	1	0	0	0	0	0	0
96	780682-018	3	3	3	0	0	0	2	3	0	0	0	0	0
96	781687-010	1	1	1	0	0	0	1	1	0	0	0	0	0
96	782684-042	1	1	1	0	0	0	0	1	0	0	0	0	0
96	782684-058	26	14	13	0	1	3	8	14	0	0	0	0	0
96	783682-014	11	8	7	0	2	1	1	3	7	6	9	1	1
96	784682-014	1	1	0	0	0	0	0	0	0	0	0	0	0
96	785261-010	10	3	3	0	0	2	1	2	5	0	4	0	0
96	785361-010	1	1	1	0	0	1	0	1	0	0	0	0	0
96	787682-046	167	109	108	0	7	26	57	76	12	0	4	3	1
96	788684-054	1	0	0	0	0	0	0	0	0	0	0	0	0
96	788687-030	8	4	4	0	0	0	2	3	0	0	0	0	0
96	789687-066	0	0	0	0	0	0	0	0	1	0	0	1	1
96	789687-070	3	3	2	0	0	1	2	1	0	0	0	0	0
96	794687-050	3	2	1	0	0	0	1	2	0	0	0	0	0
96	795687-014	14	9	9	0	1	1	2	5	0	0	0	0	0
96	804281-010	34	15	0	9	1	4	3	2	2	0	2	0	0
96	805261-014	4	1	0	0	0	0	0	0	0	0	0	0	0
96	806281-022	2	2	0	2	0	0	0	0	0	0	0	0	0
96	806381-026	3	1	0	0	0	0	1	0	0	0	0	0	0
96	806684-010	1	1	0	1	0	0	0	1	0	0	0	0	0
96	807381-010	68	28	0	7	6	2	3	10	4	0	2	2	1
96	809281-010	1	0	0	0	0	0	0	0	0	0	0	0	0
96	809684-010	3	2	2	0	0	1	0	1	0	0	0	0	0
96	811684-014	13	7	0	1	2	0	3	1	1	0	1	0	0
96	813684-022	6	5	3	1	1	1	1	1	0	0	0	0	0
96	819384-010	62	34	1	14	5	6	7	6	0	0	0	0	0
96	819684-010	13	5	0	1	0	1	3	1	0	0	0	0	0
96	819686-010	1	1	1	0	0	0	0	1	0	0	0	0	0
96	821361-026	1	0	0	0	0	0	0	0	0	0	0	0	0
96	822281-018	4	3	1	2	0	2	1	1	0	0	0	0	0
96	823261-018	2	1	0	1	1	0	0	1	1	0	0	0	0
96	824261-010	41	20	0	10	1	9	1	4	8	2	2	6	6
96	825281-018	5	2	0	2	0	0	1	2	0	0	0	0	0
96	826361-010	4	3	2	1	0	0	2	2	0	0	0	0	0
96	828281-010	64	34	1	26	2	3	3	4	8	1	1	3	3
96	828381-014	1	0	0	0	0	0	0	0	0	0	0	0	0
96	829281-014	7	2	0	2	0	0	0	1	4	3	1	2	1
96	840381-010	114	62	2	18	7	13	10	23	12	0	6	4	4
96	842664-010	9	4	0	2	1	1	0	1	0	0	0	0	0
96	844364-010	14	12	0	1	2	2	3	1	0	0	0	0	0

Table 61

03/31/82 MASSACHUSETTS SMSA 8000

PPLIC/ .TS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGIS-TERED APPS ACTIVE ANYTIME THIS FY	ACTIVE FILE: TOTAL	FEMALE	VETERAN	AGE GROUPS: UNDER 22	45 AND OLDER	MINOR-ITY	ECONOM-ICALLY DISAD-VANT-AGED	NONAGRICULTURAL OPENINGS: TOTAL RE-CEIVED	OPENING REC'D FEDERAL CON-TRACTOR JOB LISTING	OPENING FILLED	UNFILLED OPEN: TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	845381-014	5	4	0	0	2	0	1	1	2	0	0	0	0
96	850683-010	2	0	0	0	0	0	0	0	0	0	0	0	0
96	859683-010	37	20	0	8	2	4	1	2	1	0	0	0	0
96	860281-010	12	8	0	2	1	1	2	3	0	0	0	0	0
96	860381-022	186	109	3	32	9	27	9	40	16	0	10	0	0
96	861381-018	20	16	0	4	2	3	3	6	1	0	1	0	0
96	862381-010	2	1	0	1	0	1	0	1	0	0	0	0	0
96	862381-018	18	6	0	4	0	4	0	2	0	0	0	0	0
96	862381-030	10	2	0	2	0	1	0	0	3	2	1	1	1
96	862381-034	16	7	0	1	2	0	2	0	1	0	0	1	1
96	862684-014	49	16	0	9	5	3	1	5	14	3	11	3	0
96	864381-010	6	3	0	1	0	1	0	1	0	0	0	0	0
96	865381-010	5	4	0	0	1	1	2	0	1	0	0	0	0
96	866381-010	44	23	0	7	2	0	3	9	2	0	3	0	0
96	869664-014	296	160	2	44	26	14	32	51	11	3	7	3	1
96	869687-016	1	0	0	0	0	0	0	0	0	0	0	0	0
96	899281-014	12	8	0	3	0	2	0	3	0	0	0	0	0
96	899381-010	213	111	0	50	15	30	19	43	15	0	9	3	1
96	899684-022	9	3	0	2	2	1	1	2	0	0	0	0	0
96	903683-018	5	0	0	0	0	0	0	0	1	0	1	0	0
96	904383-010	217	121	4	65	2	27	12	40	12	0	8	4	2
96	905663-014	287	150	3	67	10	27	16	50	12	0	9	3	1
96	906683-022	182	95	7	30	18	15	13	29	14	0	12	0	0
96	912367-014	0	0	0	0	0	0	0	0	1	1	1	0	0
96	913463-010	112	63	37	9	0	10	22	48	4	1	3	0	0
96	913463-018	13	8	0	5	0	2	2	6	0	0	0	0	0
96	915467-010	67	34	3	3	15	0	7	15	3	1	8	0	0
96	915473-010	6	1	0	0	0	1	1	1	1	1	1	0	0
96	915667-010	6	1	1	0	0	1	0	1	5	5	1	0	0
96	915687-018	2	1	0	0	0	0	0	1	0	0	0	0	0
96	919687-014	14	7	3	0	4	1	2	3	0	0	0	0	0
96	920587-018	685	407	336	1	103	69	172	287	18	3	14	3	3
96	920685-078	61	37	26	3	3	8	11	22	2	0	2	0	0
96	920687-014	6	4	1	0	4	0	4	4	2	0	2	0	0
96	920687-126	6	4	4	0	0	1	2	2	0	0	0	0	0
96	920687-134	27	15	11	0	5	3	9	15	6	0	2	0	0
96	921663-010	3	2	0	2	0	0	0	0	0	0	0	0	0
96	929683-010	3	3	0	0	1	0	0	3	0	0	0	0	0
96	929686-010	5	3	0	0	1	1	0	1	0	0	0	0	0
96	929687-022	13	8	0	2	1	2	1	3	1	0	0	1	1
96	929687-030	1740	881	219	130	359	62	338	509	322	35	321	13	12
96	930684-026	2	1	0	0	0	0	0	0	0	0	0	0	0

Table 61

TABLE 03/31/82 MASSACHUSETTS SMSA 8000 TABLE

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS ACTIVE ANYTIME THIS FY	ACTIVE FILE: TOTAL	FEMALE	VETERAN	AGE GROUPS: UNDER 22	45 AND OLDER	MINORITY	ECONOMICALLY DISADVANTAGED	NONAGRICULTURAL OPENINGS: TOTAL RECEIVED	OPENING REC'D FEDERAL CONTRACTOR JOB LISTING	OPENING FILLED	UNFILLED OPEN: TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	950382-026	9	4	0	4	0	1	0	1	3	0	0	2	0
96	952362-042	0	0	0	0	0	0	0	0	2	2	0	2	2
96	952382-018	2	1	0	0	0	0	0	1	3	2	0	1	1
96	954382-014	1	0	0	0	0	0	0	0	0	0	0	0	0
96	971381-050	8	4	1	3	0	0	0	0	0	0	0	0	0
96	972281-010	1	1	0	1	0	1	0	0	0	0	0	0	0
96	972381-010	4	2	0	1	1	1	0	0	0	0	0	0	0
96	976487-010	2	1	1	0	0	0	0	1	13	13	5	2	2
96	976682-014	2	1	1	0	0	0	0	1	0	0	0	0	0
96	976685-022	1	1	1	0	0	0	0	0	0	0	0	0	0
96	TOTAL OF INVALID OCCUPATIONAL CODES	1777	1443	1027	99	16	449	540	1432	3	1	2	1	1

SMSA 8000 MONTHLY YEAR TO DATE
FOR PERIOD ENDING 03/31/82

Table 62

TABLE 03/31/82 MASSACHUSETTS SMSA 6320 TABLE

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS ACTIVE ANYTIME THIS FY	ACTIVE FILE: TOTAL	FEMALE	VETERAN	AGE GROUPS: UNDER 22	45 AND OLDER	MINORITY	ECONOMICALLY DISADVANTAGED	NONAGRICULTURAL OPENINGS: TOTAL RECEIVED	OPENING REC'D FEDERAL CONTRACTOR JOB LISTING	OPENING FILLED	UNFILLED OPEN: TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	TOTAL	8027	3738	1723	594	703	531	105	1823	1322	237	809	358	103
96	0-1	1216	431	199	75	16	72	19	120	70	37	22	15	10
96	000-169	900	286	142	44	11	43	15	73	45	27	17	9	7
96	180-199	316	145	57	31	5	29	4	47	25	10	5	6	3
96	2	1618	732	565	54	147	109	14	323	335	38	129	164	10
96	200-249	1246	554	459	31	98	84	14	245	270	33	81	155	4
96	250-299	372	178	106	23	49	25	0	78	65	5	48	9	6
96	3	1649	820	550	59	209	115	23	537	299	45	200	38	16
96	300-309	192	94	87	0	41	10	2	73	18	0	15	0	0
96	310-319	751	365	258	24	98	48	9	232	126	7	89	12	6
96	320-389	706	361	205	35	70	57	12	232	155	38	96	26	10
96	4	194	97	11	13	39	8	1	43	12	4	9	3	1
96	400-429	156	77	8	10	31	6	1	35	4	0	1	3	1
96	440-449	3	1	0	0	0	0	0	0	0	0	0	0	0
96	450-461	35	19	3	3	8	2	0	8	8	4	8	0	0
96	5	169	89	18	18	13	8	2	29	4	1	2	0	0
96	6	662	327	76	86	44	45	5	124	45	12	30	4	0
96	7	439	206	135	21	25	33	4	114	141	72	131	35	31
96	8	902	461	19	134	90	58	20	191	44	6	36	7	4
96	800-859	302	148	7	54	29	20	8	62	12	2	10	1	0
96	860-899	600	313	12	80	61	38	12	129	32	4	26	6	4
96	9	1040	468	84	123	117	65	11	244	368	20	247	92	31
96	900-919	325	163	20	66	17	35	3	90	22	0	12	2	2
96	920-929	632	263	55	43	94	23	7	141	313	16	208	82	21
96	930-979	83	42	8	14	6	7	1	13	33	4	27	8	8

MSA 6320 MONTHLY YEAR TO DATE
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Table 62

TABLE 03/31/82 MASSACHUSETTS SMSA 6320

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS ACTIVE ANYTIME THIS FY	ACTIVE FILE: TOTAL	FEMALE	VETERAN	AGE GROUPS: UNDER 22	45 AND OLDER	MINORITY	ECONOMICALLY DISADVANTAGED	NONAGRICULTURAL OPENINGS: TOTAL RECEIVED	OPENING REC'D FEDERAL CONTRACTOR JOB LISTING	OPENING FILLED	UNFILLED OPEN: TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	001261-010	1	0	0	0	0	0	0	0	0	0	0	0	0
96	003061-010	7	2	0	1	0	1	0	0	0	0	0	0	0
96	003161-014	6	3	0	1	1	0	0	0	1	0	1	0	0
96	003281-010	12	2	0	0	0	0	0	0	0	0	0	0	0
96	005061-014	4	2	0	0	0	0	0	0	0	0	0	0	0
96	005281-014	0	0	0	0	0	0	0	0	1	0	0	0	0
96	007061-014	1	1	0	0	0	0	0	0	0	0	0	0	0
96	008061-018	1	1	0	0	0	0	0	0	0	0	0	0	0
96	012167-042	4	1	0	1	0	1	0	0	1	1	0	1	1
96	012167-066	8	4	2	0	1	0	0	0	5	3	0	2	1
96	012267-010	2	1	0	0	0	0	0	0	0	0	0	0	0
96	020162-014	7	2	0	0	0	0	0	1	0	0	0	0	0
96	022061-010	10	4	1	0	0	0	0	1	0	0	0	0	0
96	022261-010	4	1	0	0	0	0	0	0	3	2	2	0	0
96	029261-010	6	5	1	2	0	2	0	1	2	2	2	0	0
96	040061-034	1	1	0	0	0	0	0	0	0	0	0	0	0
96	041061-030	2	1	1	0	0	0	0	0	0	0	0	0	0
96	045107-010	45	14	7	1	2	1	2	1	1	1	0	1	0
96	054067-014	3	2	1	1	0	0	0	2	0	0	0	0	0
96	072101-010	1	0	0	0	0	0	0	0	0	0	0	0	0
96	074161-010	2	0	0	0	0	0	0	0	0	0	0	0	0
96	075374-010	9	2	2	0	0	1	0	0	0	0	0	0	0
96	076121-014	0	0	0	0	0	0	0	0	1	1	0	0	0
96	078361-014	2	1	1	0	0	0	0	0	0	0	0	0	0
96	078381-014	2	0	0	0	0	0	0	0	0	0	0	0	0
96	079367-010	6	1	1	0	0	0	0	1	0	0	0	0	0
96	079371-010	9	3	3	0	0	0	0	1	1	0	1	0	0
96	079374-014	13	6	6	1	0	0	0	5	2	0	1	1	1
96	079374-022	2	0	0	0	0	0	0	0	0	0	0	0	0
96	090227-010	13	7	4	0	0	2	0	2	5	5	0	0	0
96	091227-010	116	25	16	2	0	4	1	2	0	0	0	0	0
96	092227-010	83	21	17	4	0	3	0	6	1	0	1	0	0
96	100127-014	4	1	1	0	0	0	0	0	1	1	0	1	1
96	110107-010	7	3	2	1	0	3	0	1	0	0	0	0	0
96	131267-026	4	1	0	1	0	1	0	0	0	0	0	0	0
96	159124-010	3	3	3	0	2	0	0	3	0	0	0	0	0
96	160162-014	3	2	0	1	0	0	0	0	0	0	0	0	0
96	160167-010	15	5	2	1	0	0	0	0	0	0	0	0	0
96	160267-018	2	0	0	0	0	0	0	0	0	0	0	0	0
96	162157-038	5	3	1	1	0	0	0	0	0	0	0	0	0
96	163167-014	1	1	1	0	0	0	0	0	0	0	0	0	0
96	163167-018	16	7	2	2	1	3	0	1	0	0	0	0	0

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Table 62

03/31/82 MASSACHUSETTS SMSA 6320

PPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS ACTIVE ANYTIME THIS FY	ACTIVE FILE: TOTAL	FEMALE	VETERAN	AGE GROUPS: UNDER 22	45 AND OLDER	MINORITY	ECONOMICALLY DISADVANTAGED	NONAGRICULTURAL OPENINGS: TOTAL RECEIVED	OPENING REC'D FEDERAL CONTRACTOR JOB LISTING	OPENING FILLED	UNFILLED OPEN: TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	165067-010	8	3	3	0	0	0	0	1	0	0	0	0	0
96	169167-010	46	10	7	2	0	1	0	1	1	1	1	0	0
96	169167-034	14	5	3	1	0	1	1	1	0	0	0	0	0
96	182267-010	4	1	0	1	0	0	0	0	0	0	0	0	0
96	185167-014	3	2	0	2	0	0	0	0	0	0	0	0	0
96	185167-046	41	24	10	2	0	4	0	6	1	0	0	0	0
96	187167-108	27	15	8	5	0	7	0	7	1	0	0	1	1
96	187167-186	4	3	1	0	1	0	0	1	1	1	0	1	0
96	188137-010	1	0	0	0	0	0	0	0	0	0	0	0	0
96	189167-034	19	6	2	1	2	0	0	2	0	0	0	0	0
96	195107-010	12	6	3	0	0	0	0	4	3	0	0	0	0
96	195107-022	13	4	4	0	0	2	0	0	0	0	0	0	0
96	199361-010	1	1	1	0	0	0	0	1	0	0	0	0	0
96	201362-010	9	5	3	1	0	0	0	1	0	0	0	0	0
96	201362-014	9	3	3	0	0	1	0	1	0	0	0	0	0
96	201362-030	141	50	49	1	10	10	2	17	14	4	8	3	0
96	202362-014	1	1	1	0	0	0	0	1	0	0	0	0	0
96	203362-010	64	23	23	0	6	2	0	15	16	3	10	2	1
96	203582-030	14	9	8	1	1	2	2	1	2	2	0	0	0
96	203582-066	16	4	3	0	0	2	0	1	0	0	0	0	0
96	205362-014	1	0	0	0	0	0	0	0	0	0	0	0	0
96	205362-018	3	1	0	0	0	0	0	0	0	0	0	0	0
96	206362-010	4	3	2	0	0	2	0	1	1	0	0	0	0
96	206367-014	1	1	1	0	0	0	0	0	0	0	0	0	0
96	209562-010	172	80	78	1	17	11	1	27	13	5	7	1	0
96	209587-026	1	1	1	0	0	0	0	1	1	1	0	1	0
96	209687-010	1	0	0	0	0	0	0	0	0	0	0	0	0
96	210382-014	79	31	27	1	0	7	0	11	6	0	2	0	0
96	210382-018	12	3	3	0	1	0	0	1	1	0	0	1	0
96	210382-022	1	0	0	0	0	0	0	0	1	0	1	0	0
96	211362-010	52	26	25	1	9	2	0	14	0	0	0	0	0
96	211362-018	13	6	5	1	1	0	1	5	2	1	1	0	0
96	211462-010	17	5	5	0	2	0	1	0	51	0	10	41	0
96	213362-010	20	11	4	5	0	1	0	1	1	1	2	0	0
96	214362-022	1	1	1	0	0	0	0	1	0	0	0	0	0
96	214382-014	2	1	1	0	0	1	0	0	0	0	0	0	0
96	215482-010	6	4	4	0	0	1	0	2	0	0	0	0	0
96	216382-034	1	0	0	0	0	0	0	0	0	0	0	0	0
96	216482-010	14	8	8	1	1	2	0	1	2	0	0	0	0
96	217382-010	0	0	0	0	0	0	0	0	1	1	0	1	1
96	219382-010	108	51	46	2	5	14	2	34	9	4	4	1	0
96	219367-026	1	0	0	0	0	0	0	0	0	0	0	0	0

Table 62

03/31/82 MASSACHUSETTS SMSA 6320

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS ACTIVE ANYTIME THIS FY	ACTIVE FILE: TOTAL	FEMALE	VETERAN	AGE GROUPS: UNDER 22	45 AND OLDER	MINORITY	ECONOMICALLY DISADVANTAGED	NONAGRICULTURAL OPENINGS: TOTAL RECEIVED	OPENING REC'D FEDERAL CONTRACTOR JOB LISTING	OPENING FILLED	UNFILLED OPEN: TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	222387-058	27	12	1	4	3	0	0	4	5	0	5	0	0
96	235462-010	10	3	2	0	0	0	0	3	0	0	0	0	0
96	235662-022	7	2	2	0	0	1	0	2	3	2	3	0	0
96	235662-026	1	1	1	0	0	0	0	1	1	0	1	0	0
96	237367-038	42	15	14	0	2	5	0	12	2	0	2	0	0
96	238362-010	12	5	3	1	0	1	0	2	2	0	1	0	0
96	238367-026	1	1	0	0	1	0	0	0	0	0	0	0	0
96	241217-010	2	1	1	0	0	0	0	0	0	0	0	0	0
96	241357-010	0	0	0	0	0	0	0	0	1	1	1	0	0
96	245362-014	5	0	0	0	0	0	0	0	0	0	0	0	0
96	249167-014	1	1	0	0	0	1	0	1	0	0	0	0	0
96	249367-074	31	9	8	1	1	1	2	7	1	0	0	0	0
96	250257-010	8	4	0	1	0	1	0	1	3	3	0	5	5
96	250357-018	4	4	2	1	0	1	0	3	0	0	0	0	0
96	254357-014	1	0	0	0	0	0	0	0	0	0	0	0	0
96	261357-050	2	0	0	0	0	0	0	0	0	0	0	0	0
96	261357-054	3	2	0	2	0	0	0	2	0	0	0	0	0
96	261357-062	4	2	1	0	0	0	0	1	3	0	0	3	0
96	261357-066	10	4	4	0	0	1	0	1	0	0	0	0	0
96	273353-010	10	4	0	1	0	0	0	1	0	0	0	0	0
96	274357-022	1	1	0	0	0	0	0	0	2	0	1	0	0
96	275357-034	1	0	0	0	0	0	0	0	0	0	0	0	0
96	277357-034	3	1	1	0	1	0	0	0	0	0	0	0	0
96	279357-050	4	0	0	0	0	0	0	0	0	0	0	0	0
96	279357-054	50	27	18	1	8	1	0	12	13	0	12	0	0
96	279357-062	5	3	3	0	1	0	0	2	4	0	0	0	0
96	290477-014	113	52	48	0	19	8	0	21	19	2	17	0	0
96	290477-018	19	9	3	1	2	2	0	5	1	0	1	0	0
96	292353-010	11	4	0	2	1	0	0	2	0	0	0	0	0
96	292483-010	1	0	0	0	0	0	0	0	3	0	3	0	0
96	299137-010	7	4	2	1	1	1	0	1	0	0	0	0	0
96	299357-014	2	0	0	0	0	0	0	0	1	0	1	0	0
96	301474-010	25	11	11	0	0	3	0	10	2	0	1	0	0
96	309677-010	6	4	3	0	0	2	0	1	1	0	1	0	0
96	311477-014	73	36	35	1	16	3	0	22	11	4	11	0	0
96	311477-030	165	93	92	0	16	5	1	76	52	0	34	5	3
96	311477-038	3	1	1	0	0	0	0	1	0	0	0	0	0
96	311677-010	16	7	7	0	1	3	0	5	0	0	0	0	0
96	312474-010	48	21	14	2	1	1	1	11	9	0	7	1	0
96	313131-014	14	6	1	3	0	2	0	2	0	0	0	0	0
96	313361-014	63	30	12	5	9	6	2	11	5	0	3	1	1
96	313361-022	36	13	7	1	2	1	0	10	5	0	1	1	1

SMSA 6320 MONTHLY YEAR TO DATE
FOR PERIOD ENDING 03/31/82

Table 62

03/31/82 MASSACHUSETTS SMSA 6320

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS ACTIVE ANYTIME THIS FY	ACTIVE FILE: TOTAL	FEMALE	VETERAN	AGE GROUPS: UNDER 22	45 AND OLDER	MINORITY	ECONOMICALLY DISADVANTAGED	NONAGRICULTURAL OPENINGS: TOTAL RECEIVED	OPENING REC'D FEDERAL CONTRACTOR JOB LISTING	OPENING FILLED	UNFILLED OPEN: TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	313361-026	2	1	1	0	1	0	0	0	0	0	0	0	0
96	315361-010	21	5	2	0	0	1	0	3	4	1	1	1	0
96	316684-018	7	6	0	4	1	3	0	1	0	0	0	0	0
96	317684-014	5	2	1	0	2	0	1	2	0	0	0	0	0
96	317687-010	7	3	1	0	3	0	0	2	0	0	0	0	0
96	318687-010	124	58	19	2	33	8	2	33	29	1	22	3	1
96	319137-010	4	4	3	0	0	2	1	2	1	1	1	0	0
96	323687-010	4	3	3	0	0	0	0	2	1	0	0	0	0
96	323687-014	33	16	16	0	3	4	0	11	16	0	12	1	1
96	330371-010	1	0	0	0	0	0	0	0	0	0	0	0	0
96	332271-010	10	4	4	0	0	0	0	4	-	0	1	2	2
96	338371-014	1	0	0	0	0	0	0	0	0	0	0	0	0
96	354374-010	3	1	1	0	0	0	0	0	0	0	0	0	0
96	355377-014	3	1	0	0	0	0	0	0	2	1	1	0	0
96	355674-014	131	73	70	0	6	13	3	58	11	0	8	2	2
96	355674-018	2	1	1	0	0	0	0	0	0	0	0	0	0
96	355677-010	19	9	8	0	3	3	0	3	4	0	3	0	0
96	359677-010	25	13	9	2	5	0	1	8	1	0	1	0	0
96	359677-018	13	8	6	0	5	0	1	6	0	0	0	0	0
96	359677-026	1	0	0	0	0	0	0	0	0	0	0	0	0
96	361685-018	1	1	1	0	0	0	0	1	0	0	0	0	0
96	361687-014	1	0	0	0	0	0	0	0	0	0	0	0	0
96	361687-018	6	4	3	0	1	0	0	3	0	0	0	0	0
96	363682-018	6	4	1	1	0	0	0	2	0	0	0	0	0
96	363684-018	2	0	0	0	0	0	0	0	0	0	0	0	0
96	369687-022	3	1	1	0	0	0	0	1	0	0	0	0	0
96	372667-034	13	8	1	6	1	3	0	4	5	0	5	0	0
96	372667-038	16	6	0	4	0	2	0	4	7	5	2	5	0
96	373364-010	4	2	0	2	0	0	0	0	0	0	0	0	0
96	375263-014	10	5	1	0	2	0	0	2	1	1	0	0	0
96	375587-010	3	1	0	1	0	1	0	0	0	0	0	0	0
96	382664-010	124	65	8	7	19	11	1	44	17	2	6	6	2
96	389684-010	1	1	0	0	0	0	0	0	0	0	0	0	0
96	403687-018	2	2	0	0	1	0	0	1	0	0	0	0	0
96	406684-010	2	1	0	0	0	0	0	1	2	0	0	2	0
96	408161-010	10	4	0	0	1	0	0	2	0	0	0	0	0
96	410684-010	4	1	0	1	0	1	0	1	0	0	0	0	0
96	452364-010	11	10	2	2	4	0	0	4	0	0	0	0	0
96	452687-014	1	0	0	0	0	0	0	0	0	0	0	0	0
96	509686-010	2	1	0	0	0	0	0	1	0	0	0	0	0
96	526381-010	4	1	1	0	0	0	0	0	0	0	1	0	0
96	526686-010	5	2	0	0	2	0	0	1	0	0	0	0	0

Table 62

03/31/82 MASSACHUSETTS SMSA 6320

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS ACTIVE ANYTIME THIS FY	ACTIVE FILE: TOTAL	FEMALE	VETERAN	AGE GROUPS: UNDER 22	45 AND OLDER	MINORITY	ECONOMICALLY DISADVANTAGED	NONAGRICULTURAL OPENINGS: TOTAL RECEIVED	OPENING REC'D FEDERAL CONTRACTOR JOB LISTING	OPENING FILLED	UNFILLED OPEN: TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	534662-010	16	11	0	3	0	0	0	1	0	0	0	0	0
96	556685-022	1	1	1	0	0	0	0	0	0	0	0	0	0
96	556685-038	5	1	0	0	0	0	0	1	0	0	0	0	0
96	557382-010	2	1	0	0	0	0	0	0	0	0	0	0	0
96	558585-014	1	0	0	0	0	0	0	0	0	0	0	0	0
96	559382-046	1	1	1	0	0	0	0	1	0	0	0	0	0
96	589686-026	4	2	0	0	2	0	0	2	0	0	0	0	0
96	600280-022	34	13	1	7	1	0	0	6	8	3	4	0	0
96	600380-018	4	3	1	1	1	0	0	1	0	0	0	0	0
96	604380-022	1	0	0	0	0	0	0	0	0	0	0	0	0
96	604380-026	1	0	0	0	0	0	0	0	0	0	0	0	0
96	604685-026	9	6	0	1	0	0	0	1	0	0	0	0	0
96	609684-014	3	1	0	1	0	1	0	0	0	0	0	0	0
96	609685-018	4	3	1	1	0	0	0	2	0	0	0	0	0
96	615482-022	4	2	0	1	0	0	1	2	0	0	0	0	0
96	617482-026	1	1	0	1	0	1	0	1	0	0	0	0	0
96	619360-014	11	5	0	1	3	0	0	0	0	0	0	0	0
96	619381-010	1	0	0	0	0	0	0	0	0	0	0	0	0
96	620261-010	69	33	0	11	3	9	0	16	2	0	1	0	0
96	620261-022	2	1	0	1	0	0	0	1	0	0	0	0	0
96	620281-010	1	0	0	0	0	0	0	0	0	0	0	0	0
96	621281-014	1	1	0	1	0	0	0	1	0	0	0	0	0
96	621381-014	1	0	0	0	0	0	0	0	0	0	0	0	0
96	625281-010	4	2	0	0	0	0	0	1	1	0	0	0	0
96	625281-034	2	2	0	0	0	1	0	1	1	0	1	0	0
96	633281-018	1	0	0	0	0	0	0	0	0	0	0	0	0
96	637261-018	3	1	1	0	0	0	0	0	0	0	0	0	0
96	638261-010	1	0	0	0	0	0	0	0	0	0	0	0	0
96	638261-014	1	0	0	0	0	0	0	0	0	0	0	0	0
96	638261-022	1	0	0	0	0	0	0	0	0	0	0	0	0
96	638281-014	16	6	0	2	2	2	0	3	1	0	1	0	0
96	638281-018	8	4	0	3	0	2	0	0	0	0	0	0	0
96	638684-018	5	2	0	0	2	0	0	0	0	0	0	0	0
96	639281-014	3	3	0	0	0	0	0	2	0	0	1	0	0
96	639281-018	1	1	0	1	0	0	0	1	0	0	0	0	0
96	640685-058	5	3	0	1	1	0	0	1	0	0	0	0	0
96	649687-010	1	1	1	0	0	0	0	1	0	0	0	0	0
96	650582-010	2	1	0	1	0	0	0	0	0	0	0	0	0
96	651362-030	0	0	0	0	0	0	0	0	1	0	0	1	0
96	660280-010	6	3	0	1	0	0	0	2	0	0	0	0	0
96	681685-154	7	3	2	1	0	0	0	0	0	0	0	0	0
96	685665-014	1	1	1	0	0	0	0	0	0	0	0	0	0

SMSA 6320 MONTHLY YEAR TO DATE
FOR PERIOD ENDING 03/31/82

Table 62

03/31/82 MASSACHUSETTS SMSA 6320

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS ACTIVE ANYTIME THIS FY	ACTIVE FILE: TOTAL	FEMALE	VETERAN	AGE GROUPS: UNDER 22	45 AND OLDER	MINORITY	ECONOMICALLY DISADVANTAGED	NONAGRICULTURAL OPENINGS: TOTAL RECEIVED	OPENING REC'D FEDERAL CONTRACTOR JOB LISTING	OPENING FILLED	UNFILLED OPEN: TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	691382-010	3	3	0	1	0	0	0	1	0	0	0	0	0
96	699682-022	1	0	0	0	0	0	0	0	0	0	0	0	0
96	710281-026	1	1	0	1	0	0	0	0	0	0	0	0	0
96	710681-010	1	1	1	0	0	0	0	1	0	0	0	0	0
96	712381-018	1	1	1	0	0	0	0	0	0	0	0	0	0
96	712664-010	1	0	0	0	0	0	0	0	0	0	0	0	0
96	716382-018	0	0	0	0	0	0	0	0	1	0	1	0	0
96	720281-018	4	2	0	1	1	0	0	2	0	0	0	0	0
96	721684-022	2	0	0	0	0	0	0	0	0	0	0	0	0
96	724684-026	8	2	2	0	1	1	0	1	0	0	0	0	0
96	725384-010	1	1	0	0	0	0	0	1	0	0	0	0	0
96	726130-010	1	0	0	0	0	0	0	0	0	0	0	0	0
96	728261-010	1	1	1	0	1	0	0	1	0	0	0	0	0
96	726381-010	1	1	0	0	0	1	0	0	0	0	0	0	0
96	726384-010	1	1	0	0	0	0	0	0	0	0	0	0	0
96	726684-010	2	0	0	0	0	0	0	0	0	0	0	0	0
96	726684-018	5	1	1	0	0	0	0	1	0	0	0	0	0
96	726684-022	3	1	1	0	0	0	0	0	0	0	0	0	0
96	729384-010	2	0	0	0	0	0	0	0	0	0	0	0	0
96	729687-010	6	3	3	0	0	1	0	1	0	0	0	0	0
96	739687-030	6	5	4	0	2	0	0	3	0	0	0	0	0
96	741684-026	4	0	0	0	0	0	0	0	0	0	0	0	0
96	741687-018	3	2	0	1	1	0	0	2	0	0	0	0	0
96	753687-026	1	1	1	0	0	0	0	1	0	0	0	0	0
96	754684-030	1	1	1	0	1	0	0	0	0	0	0	0	0
96	759584-010	2	1	0	0	0	0	0	0	0	0	0	0	0
96	782684-058	6	4	4	0	0	0	1	3	1	0	1	0	0
96	785261-010	2	1	1	0	0	0	0	1	0	0	0	0	0
96	785361-010	1	1	1	0	0	0	0	1	0	0	0	0	0
96	787682-046	44	22	22	0	1	4	0	14	55	22	42	18	18
96	788684-054	1	1	1	0	0	0	0	1	0	0	0	0	0
96	795687-014	15	7	5	0	2	0	0	5	17	6	17	9	9
96	804281-010	6	3	0	0	1	1	0	0	0	0	0	0	0
96	806684-010	1	1	0	0	1	0	0	1	0	0	0	0	0
96	807381-010	19	12	0	4	3	1	0	6	1	0	2	0	0
96	809684-010	1	1	0	0	0	0	0	1	0	0	0	0	0
96	811684-014	8	1	0	0	0	0	0	1	0	0	0	0	0
96	813684-022	2	2	2	0	0	1	0	2	0	0	0	0	0
96	819384-010	20	8	1	6	1	1	0	2	1	0	1	0	0
96	819684-010	4	3	0	1	1	0	0	1	0	0	0	0	0
96	819686-010	1	1	0	0	1	0	0	1	0	0	0	0	0
96	822281-018	2	1	0	1	0	0	1	1	0	0	0	0	0

Table 62

03/31/82 MASSACHUSETTS SMSA 6320

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS ACTIVE ANYTIME THIS FY	ACTIVE FILE: TOTAL	FEMALE	VETERAN	AGE GROUPS: UNDER 22	45 AND OLDER	MINORITY	ECONOMICALLY DISADVANTAGED	NONAGRICULTURAL OPENINGS: TOTAL RECEIVED	OPENING REC'D FEDERAL CONTRACTOR JOB LISTING	OPENING FILLED	UNFILLED OPEN: TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	824261-010	12	3	0	2	0	2	0	1	1	1	1	0	0
96	826361-010	1	0	0	0	0	0	0	0	0	0	0	0	0
96	828281-010	6	2	0	0	0	0	0	0	1	0	1	0	0
96	829281-014	5	1	0	1	0	0	0	0	0	0	0	0	0
96	840381-010	37	25	0	8	4	6	0	15	0	0	0	0	0
96	842664-010	2	2	0	1	1	1	1	2	1	0	0	0	0
96	844364-010	2	2	0	1	0	0	0	0	0	0	0	0	0
96	845381-014	2	0	0	0	0	0	0	0	0	0	0	0	0
96	850683-010	2	0	0	0	0	0	0	0	0	0	0	0	0
96	859683-010	27	16	0	3	1	4	2	6	0	0	0	0	0
96	860281-010	7	3	0	0	0	0	0	2	7	0	6	1	0
96	860381-022	77	46	0	12	5	7	0	11	4	0	4	0	0
96	861381-018	6	5	0	1	1	1	0	1	0	0	0	0	0
96	862381-018	2	0	0	0	0	0	0	0	0	0	0	0	0
96	862381-030	7	2	0	1	0	0	1	2	1	1	1	0	0
96	862381-034	3	1	0	1	0	0	0	0	0	0	0	0	0
96	862684-014	17	11	0	5	1	2	1	9	0	0	0	0	0
96	864381-010	3	2	0	1	0	1	1	1	1	0	1	0	0
96	866381-010	35	29	0	5	3	2	0	11	0	0	0	0	0
96	869664-014	125	55	2	9	15	4	2	19	1	0	2	1	1
96	899281-014	10	6	0	1	2	1	0	1	2	1	0	1	1
96	899381-010	101	53	1	13	9	6	3	21	4	0	4	0	0
96	899684-022	4	2	0	1	1	0	0	1	1	1	0	0	0
96	903683-018	3	0	0	0	0	0	0	0	2	0	0	0	0
96	904383-010	40	23	1	16	0	6	1	14	1	0	1	0	0
96	905663-014	86	43	1	25	2	14	0	15	3	0	3	0	0
96	906683-022	57	22	0	10	4	3	0	11	6	0	5	0	0
96	913463-010	34	18	13	2	0	5	0	14	0	0	0	0	0
96	913463-018	7	2	0	1	1	1	0	0	0	0	0	0	0
96	915467-010	27	13	1	1	5	1	0	9	7	0	1	2	2
96	915473-010	3	2	0	2	0	2	0	2	0	0	0	0	0
96	919683-014	1	1	0	0	1	0	0	0	0	0	0	0	0
96	919687-014	3	1	0	0	1	0	0	1	0	0	0	0	0
96	920587-018	37	21	16	1	5	5	0	9	0	0	0	0	0
96	920687-014	2	2	2	0	1	0	0	2	3	0	2	1	1
96	920687-126	1	0	0	0	0	0	0	0	0	0	0	0	0
96	929683-010	2	1	0	0	1	0	0	1	0	0	0	0	0
96	929687-022	4	0	0	0	0	0	0	0	2	1	2	0	0
96	929687-030	462	177	25	31	76	11	5	105	229	15	187	20	20
96	950382-026	4	1	0	1	0	1	0	0	2	1	1	0	0
96	952382-018	0	0	0	0	0	0	0	0	1	1	0	0	0
96	971381-050	1	0	0	0	0	0	0	0	0	0	0	0	0

SMSA 6320 MONTHLY YEAR TO DATE
FOR PERIOD ENDING 03/31/82

Table 62

03/31/82 MASSACHUSETTS SMSA 6320

APPLICANTS AND NONAGRICULTURAL JOB OPENINGS BY OCCUPATION

ITEM NO	OCCUPATIONAL CODE	TOTAL REGISTERED APPS ACTIVE ANYTIME THIS FY	ACTIVE FILE: TOTAL	FEMALE	VETERAN	AGE GROUPS: UNDER 22	45 AND OLDER	MINORITY	ECONOMICALLY DISADVANTAGED	NONAGRICULTURAL OPENINGS: TOTAL RECEIVED	OPENING REC'D FEDERAL CONTRACTOR JOB LISTING	OPENING FILLED	UNFILLED OPEN: TOTAL	30 DAYS OR MORE
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
96	972381-010	1	0	0	0	0	0	0	0	0	0	0	0	0
96	976682-014	1	0	0	0	0	0	0	0	0	0	0	0	0
96	TOTAL OF INVALID OCCUPATIONAL CODES	138	107	66	11	3	18	6	98	4	2	3	0	0

SMSA 6320 MONTHLY YEAR TO DATE
FOR PERIOD ENDING 03/31/82

Table 63
Pittsfield LMA Population
1970 and 1980
Cities and Towns

Municipality	Population 1980	Population 1970	Changes 1970 to 1980 Number	Changes 1970 to 1980 Percent
Totals	130466	135821	5355	- 4.1
Adams	10381	11772	-1391	- 2.9
Becket	1339	929	410	44.1
Cheshire	3124	3006	118	3.9
Clarksburg	1871	1987	- 116	- 5.8
Dalton	6797	7505	- 708	- 9.4
Florida	730	672	58	8.6
Hancock	643	675	- 32	- 4.7
Hinsdale	1707	1588	119	7.5
Lanesborough	3131	2972	159	5.3
Lee	6247	6426	- 179	- 2.8
Lenox	6523	5804	719	12.4
New Ashford	159	183	- 24	-13.1
North Adams	18063	19195	-1132	- 5.9
Otis	963	820	143	17.4
Peru	633	256	377	147.3
Pittsfield	51974	57020	-5046	- 8.8
Richmond	1659	1461	198	13.6
Savoy	644	322	322	100.0
Stockbridge	2328	2312	16	0.7
Tyringham	344	234	110	47.0
Washington	587	406	181	44.6
West Stockbridge	1280	1354	- 74	- 5.5
Williamstown	8741	8454	287	3.4
Windsor	598	468	130	27.8

Source: PHC-80-V023
1980 Census of Population and Housing

Table 64
Springfield-Chicopee-Holyoke LMA Population
1970 and 1980
Cities and Towns

Municipality	Population 1980	Population 1970	Changes 1970 to 1980 Number	Changes 1970 to 1980 Percent
TOTALS	567816	571561	-3745	- 0.7
Agawam	26271	21717	4554	21.0
Amherst	33229	26331	6898	26.2
Belchertown	8339	5936	2403	40.5
Brimfield	2318	1907	411	21.6
Chesterfield	1000	704	296	-42.0
Chicopee	55112	66676	-11564	-17.3
Easthampton	15580	13012	2568	19.7
East Longmeadow	12905	13029	- 124	- 1.0
Granby	5380	5473	- 93	- 1.7
Granville	1204	1008	196	19.4
Hadley	4125	3750	375	10.0
Hampden	4745	4572	173	3.8
Hatfield	3045	2825	220	7.8
Holyoke	44678	50112	- 5434	-10.8
Longmeadow	16301	15630	671	4.3
Ludlow	18150	17580	570	3.2
Monson	7315	7355	- 40	- 0.5
Montgomery	637	446	191	42.8
Northampton	29286	29664	- 378	- 1.3
Palmer	11389	11680	- 291	- 2.6
Pelham	1112	937	175	18.7
Russell	1570	1382	185	13.6
South Hadley	16399	17033	- 634	- 3.7
Southampton	4137	3069	1068	34.8
Southwick	7382	6330	1052	16.6
Springfield	152319	163905	-11586	- 7.1
Wales	1177	852	325	38.1
Warren	3777	3633	144	4.0
Westfield	36465	31433	5032	16.0
Westhampton	1137	793	344	43.4
West Springfield	27042	28461	- 1419	- 5.0
Wilbraham	12053	11984	69	0.6
Williamsburg	2237	2342	- 105	- 4.5

Source: PH C80-V-23 1980 Census of Population and Housing